

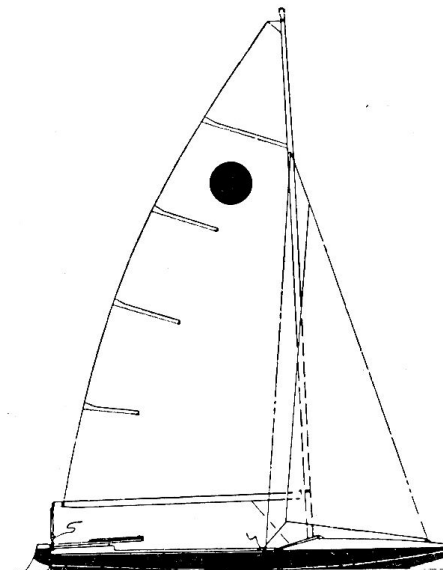
FIREBALL

1965

FIREBALL

REGISTERED DESIGN: No. 905643

REGISTERED TRADEMARK: No. 835196 (Class 12)



Designed by: PETER MILNE

Sponsored by: NORRIS BROTHERS LTD

The Sponsors reserve the right to be represented on the FIREBALL Committee and to be consulted on any change of Class rules.

FIREBALL is a registered design and may only be built professionally under License.

PLANS are available for amateur construction at £2.10.0 (plus postage) This sum permits the building of *one boat only*.

PLANS obtainable from:

CHIPPENDALE BOATS LTD
LOWER QUAY, FAREHAM, HANTS

who are authorised by the Sponsors to deal with all matters in respect to licensing and building on their behalf.



Photo: EILEEN RAMMAY

Commodore at Work?—Prototype Fireball

FIREBALL CLASS: REASONS FOR DESIGN—

SUBSEQUENT ACHIEVEMENTS

The perfect centreboarder does not exist and never will. In other words it is impossible to design a boat which will suit absolutely everyone from the cruising singlehander to the keen two-man racing crew. The good designer, realising this, will make certain that his designs suit specific requirements—for totally different needs he will design another craft.

Peter Milne in designing Fireball, was convinced that there is a pressing need both in this country and overseas, for a two-man centreboarder which is cheap to own, simplicity itself to build, and which possesses a performance potential unequalled by any other class of a similar price and water-line length. One has only to glance down a list of existing centreboarder classes to realise just how comprehensive is the design covering this branch of the sport, so it was of vital importance that the proposed boat should be pleasing in appearance and yet dissimilar to existing designs. These were the main design requirements—the *raison d'être* for the class. Other considerations there were a-plenty, but they need not concern us here.

Fireball is the end product of a tremendous amount of thought on the part of the designer and also on the part of Jack Chippendale, who simplified the original construction to a point where this scow is the simplest performance boat to build that there has ever been.

The production prototype of the class made its debut at the dinghy One-of-a-Kind held in the Thames Estuary off the Isle of Sheppey in May 1962. In the light breezes which prevailed at the start of the series the boat was unable to demonstrate its terrific planing potential. In the very last race in the series, however, the Fireball put up a tremendous performance on the plane and to windward as well.

A lot of water has flowed beneath Fireball keels since these early days. Now, on an average, one new boat is registered each day of the year and sail numbers already stand at over 900 (March 1965). The class is firmly established in Great Britain and at the present rate of progress seems all set for international recognition in the foreseeable future. Only recently the class achieved national status in Canada.

Unlike many centreboarder designs from the boards of British architects, the Fireball is expanding rapidly on an international scale. Fleets are racing regularly in South Africa, France, Australia, U.S.A., Ireland, Belgium, Rhodesia, New Zealand, Canada, Germany and Mauritius to mention but a few countries and already, much sooner than could be at first imagined, it has become necessary to create "Fireball International" to look after the interests of Fireball sailors on a world-wide scale.

The boat was designed and developed with the Do-it-Yourself enthusiast very much in mind and it is an indication of the success of the design that over 70 per cent of all boats built are produced by amateurs starting either from kits or from scratch using the specially prepared plans.

Compared with other established centreboarder classes the Fireball is a newcomer but it has already attracted many competent dinghy racing enthusiasts to its growing ranks and the home-building policy has helped enormously in giving skippers a thorough grounding in their boats before they ever get afloat. The result of this combination is that racing standards

are already very high for so young a class and they continue to rise quickly. At the 1964 A.G.M. the class voted to adopt the trapeze after two years of unofficial experiment. By its adoption the Fireball not only requires less physical effort on the part of the crew than was previously the case, but its speed potential in a blow is enhanced.

Although strictly one-design in all respects affecting the skipper's pocket, the Fireball class rules and constitution do not permit the boat to become dated and it may safely be said that no unsponsored class has ever maintained such rapid progress or been able to look forward to so bright a future.

HANDLING NOTES

The general principles of sailing racing dinghies must hold good for all modern planing designs, but each class requires something of specialised treatment if the maximum performance is to be wrung from it. The Fireball class is no exception and, being a scow as opposed to the more usual sharp stemmed type, it is more than ever necessary for the crew to become familiar with the handling characteristics of his boat before he can hope to turn in consistently good performances.

There is little enough room here, but a few notes on the handling of the boat in different conditions of wind and sea may be of interest to newcomers to the class.

THE BOAT—The saying goes that only a poor workman blames his tools, but nevertheless, it is of the utmost importance that your boat is as efficiently prepared as you know how. The spars and sails must be tuned to give you maximum performance, the boat must be down to weight and the gear should be light, simple and efficient. It is important that the finish on the hull is good, but special care should be taken to see that the centre-board and rudder blade are properly shaped to a streamline section with the maximum thickness of the section being approximately one third of the chord aft from the leading edge. Both the board and the rudder **MUST** be free from warping and maintained with a high finish, special attention being paid to see that the leading edges are smooth and free from gouges.

WINDWARD SAILING—It is when beating that the crew notices the greatest difference between the orthodox racing dinghy's sharp entry and the bluff forward end of the Fireball. In smooth water the boat should be sailed with about 5 degrees of heel to leeward and with the crew well forward in the cockpit. In fresh breezes, which tend to kick up something of a sea, it pays for the crew to move aft somewhat to allow the bow to lift more easily.

The Fireball has been given a low freeboard and it is essential that the boat is fitted with a pair of efficient self bailers (Elvström bailers are suitable). Sailing to windward in choppy conditions they may be kept down for the duration of the beat. Even so it is essential to develop a technique for sailing the boat as dry as possible. Many skippers still take a great deal of water on board which they could well avoid through better handling.

On the beat the helmsman is driving the boat into an ever changing series of waves: he must learn which shapes and degrees of steepness the boat may be driven straight into and which the boat ought to be nursed around. Beating in rough water is a matter of constantly trying to find the easiest path rather than pressing on on a direct course which may prove slower in the long run. Only practice can improve performance here.

The Fireball is very light and because of this it takes little more than one odd knock on the nose to kill way. It is most important that the boat is driven hard the whole time in rough water. Loss of effort means a drop in speed and also manoeuvring ability and this almost always means a wetter ride. Do not let the boat heel more than about 5 degrees because

an increase in heel means an increase in the amount of helm required to direct the boat—large helm angles slow the boat considerably.

The trapeze is now part of the standard equipment and it allows the crew to provide a much greater righting moment than is possible when simply sitting the boat up and using the toestraps. It is worth remembering, however, that although the trapeze provides a bonus in righting power and gives the forward hand a much more comfortable ride in a breeze, its use carries a debit of increased windage. It will always pay to sit the boat out in an "orthodox" manner as long as all the drive is being absorbed by the rig. Only when the skipper begins to find that he is having to spill air will it pay to send the crew outboard.

Rough water slows a boat tremendously when beating, so do not attempt to squeeze too high so that you lose power and slow even more. Sailing to windward in these conditions keep the boat a fraction freer and drive hard. Use the power in the headsail and keep the mainsail flat with the kicking strap so that with the traveller eased out along the horse, the sail feathers smoothly and with the minimum of flogging.

REACHING—For its waterline length, the Fireball is remarkably fast to windward, but it is the boat's reaching performance in a fresh breeze which excites most comment. Here again technique is all important and feel for the boat and the wave forms over which it is sailing are the things which must be developed.

Being very light, the boat is quick to plane, but once she is up there is a tendency among many skippers to sit back comfortably and let the boat do all the work. This is not the way to win races. By careful sail trimming, balance and feel for the boat, the Fireball can be encouraged to get up remarkably early and in flat water and with a fresh breeze she can be held on the plane with the apparent wind so far forward that she is all but close-hauled.

It was stressed in the section on Windward Sailing that the skipper had to "pick his way" through the waves. When sailing the offwind legs of the course, this technique becomes of vital importance. The light all-up weight permits the crew to take every opportunity to wave-ride and it is vitally important to perfect a technique of making every use of wave systems. Just as a surfing enthusiast will pick on a suitable wave and use it to drive him towards the beach on its sloping face just below the crest, so the Fireball helmsman must learn to recognise wave shapes that can be used to increase his speed. Once he has got his boat into a wave-ride the object must be to put the boat in a position where the next bonus push can be exploited.

On a reaching course the seas can be expected to run diagonally across the direct line from windward to leeward mark. The course to steer, therefore, is above this mean course during lulls in the wind and when no suitable waves are heaving up astern. Then, when conditions are suitable, the boat can be borne away down the face of the wave. During the initial sharp bearing away manoeuvre, the apparent wind will move aft for the boat has yet to accelerate: so the sheets must be eased. They must quickly be hardened in again, though, as the boat picks up speed and the apparent wind swings ahead once more.

Eventually the boat will fall off the wave, for the wave form will be moving faster than the planing Fireball. As this starts to happen, the boat must be luffed to a higher course which will increase the speed of the apparent wind and the drive and take the boat back towards the windward side of the mean course ready for the next bear-off and downhill rush.

When planing, the crew weight should be moved aft as is normal racing dinghy practice, but be careful not to move too far aft. In moderate winds when there is only just sufficient wind to maintain the planing state, do not move appreciably aft for the stern quickly becomes overloaded, the wave form builds up and, although planing may still continue, the speed will drop. Only with the apparent wind very fresh and well abaft the beam will it pay to move right aft in the cockpit.

RUNNING—In a light breeze and flat water, the crew should both move right forward in the cockpit with the helmsman up against the weather shroud and the forward hand sitting on the lee side deck against the shroud and holding the boom as far forward as it will go. Don't allow a heel to leeward of more than 5 degrees. Sit as quietly as possible, always trim the sails gently so as not to shake things and, for once, let the boat do all the work.

A dead run in light winds and with a lumpy sea running (the residue after a fresher wind, perhaps) give the crew their most uncomfortable time for it is this combination which encourages the scow bow to pick up the odd awkward lump of water and shovel it aft into the cockpit. With practice the sort of sea which may be expected to cause trouble is readily recognised and smoothly sliding the combined crew weight aft while giving the boat a quick sheer towards the wind allows the bow to ride the blow as it were before bearing away once more. Keep the crew on opposite side decks as the spread of live weight greatly helps to reduce rolling. Use half plate only in bad lumpy conditions.

In fresh winds the boat will be planing on the run and the bow develops much more lifting power so that the scow will lift quickly to even nasty looking waves.

Although the Fireball is a remarkably steady boat on the run, it is possible to develop an awkward roll when the mainsheet is eased so that the boom is squared right off against the shroud. Again, make sure that the crew weight is spread across the boat. Should a roll develop even with one quarter of the board down, a quick hard snatch in of two or three feet of the mainsheet will kill the roll and the sheet can then be eased again once the boat has steadied.

GYBING IN FRESH WINDS—Although the Fireball is exceptionally stable both directionally and in roll at high planing speeds, a gybe in fresh winds is always a potential invitation to a bathe. If the conditions are such that the boat is proceeding in a series of wave-rides, then make the gybe when she is moving *fast* not when she has dropped sluggishly off the back of a wave. At speed the manoeuvre will be much more controllable.

Just before making the gybe, the skipper should snatch in three or four feet of mainsheet as he bears away for the manoeuvre. It is then up to the crew to *make sure* that the boom is heaved aft to start the gybe. It is up

to both members of the crew to keep the boat *level* during the manoeuvre. This is something which must be practiced until it is perfected. But remember that heel either to windward or to leeward at the start of a gybe is a sure way to trouble. One more thing, the manoeuvre must always be firmly carried out; a half-hearted attempt to gybe is yet another short cut to a flip. Rather like riding a bicycle, you'll be surprised just how easy this manoeuvre is ninety-nine times out of one hundred once you've got the drill right. Do not gybe with more than half plate down. Not only is there a possibility of snapping the plate, but the boat is less controllable.

FIREBALL INTERNATIONAL

Commodore: PETER MILNE

Hon. Sec.: BILL KEMPNER, 233 Goldhurst Terrace, London, N.W.6

Technical Adviser: JACK CHIPPENDALE

Committee:

¹ AUSTRALIA	David Wilson
BELGIUM	Jean Lehouck
CANADA	Harry S. Lever
IRELAND	Eddie Kay
FRANCE	Donat Briandet
GERMANY	Karl Preusse
MAURITIUS	Pierre Dalais
RHODESIA	John Whitney
² SOUTH AFRICA	Colin Edwards
SWITZERLAND	H. Rustenholz
³ U.K.	Peter Macintosh
U.S.A.	Jack Wanenmacher

1. Represents Tasmanian F.A. and N.S.W. F.A.
2. Represents Transvaal, Cape, S.W. Africa, Natal.
3. Represents England, Scotland, Wales and N. Ireland, and all countries where no association exists.

CONSTITUTION

NAME

The name of the Association shall be "FIREBALL INTERNATIONAL".

FLAG

The Class Flag shall be:



For Class racing it shall be PENDANT 8 INTERNATIONAL.

OBJECTS

- (a) To encourage, develop and promote the interests of the Fireball Class internationally, and to organise international championships.
- (b) To control class rules: co-ordinate the efforts of the National Fireball Associations throughout the World. To issue sail numbers and Fleet numbers.

- (c) To act as a central bureau of information and to promulgate by means of a handbook, bulletins, and any other means, information as necessary.

MANAGEMENT

The affairs of the FIREBALL INTERNATIONAL shall be managed by a Commodore and a Council: the Council shall consist of full members of a National Fireball Association. Each National Association shall nominate one Member to the Council.

ELECTION OF COMMODORE, ALSO TERM OF OFFICE

The Commodore shall be appointed by the U.K. Association subject to the approval of the Committee.

The Commodore shall appoint a Secretary and Treasurer subject to the approval of the Council.

The Council has the power, subject to the terms of reference of the Sponsors, to alter class rules. A two-thirds majority of the Council shall be required to alter class rules, or Association rules. Voting shall be by letter: individual members of the Council to have voting power of one for every twenty-five boats owned by Members of their National Association (to the nearest 25). The Commodore to have the casting vote.

MEMBERSHIP AND SUBSCRIPTIONS

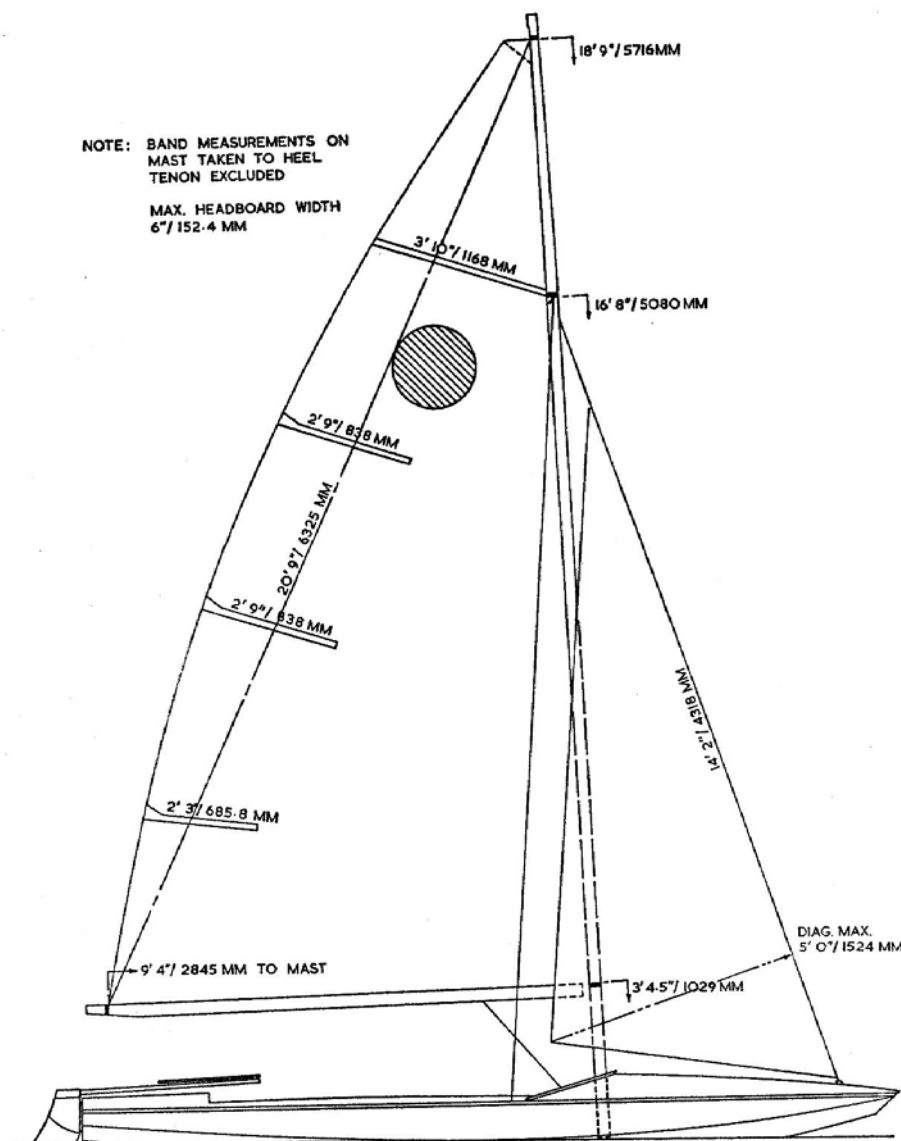
Each affiliated National Fireball Association shall pay a subscription to the Fireball International based on the number of full members. Subscriptions to be fixed annually by consultation.

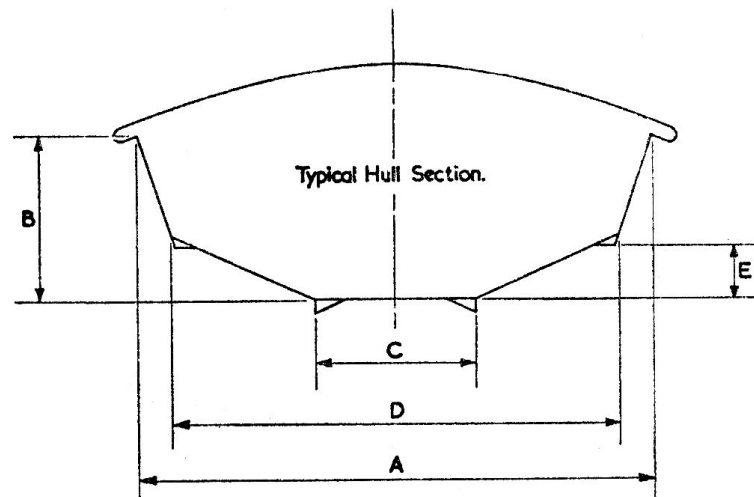
Subscription for 1965: 10/- to include the handbooks and bulletins.

FINANCE

The accounts will be audited annually and circulated to all National Associations.

RECOMMENDATIONS ARISING OUT OF GENERAL MEETINGS OF NATIONAL ASSOCIATIONS shall be circulated to the Fireball International, and all other National Associations. These will not apply internationally, unless carried by the appropriate percentage of the votes of the full Council of FIREBALL INTERNATIONAL.



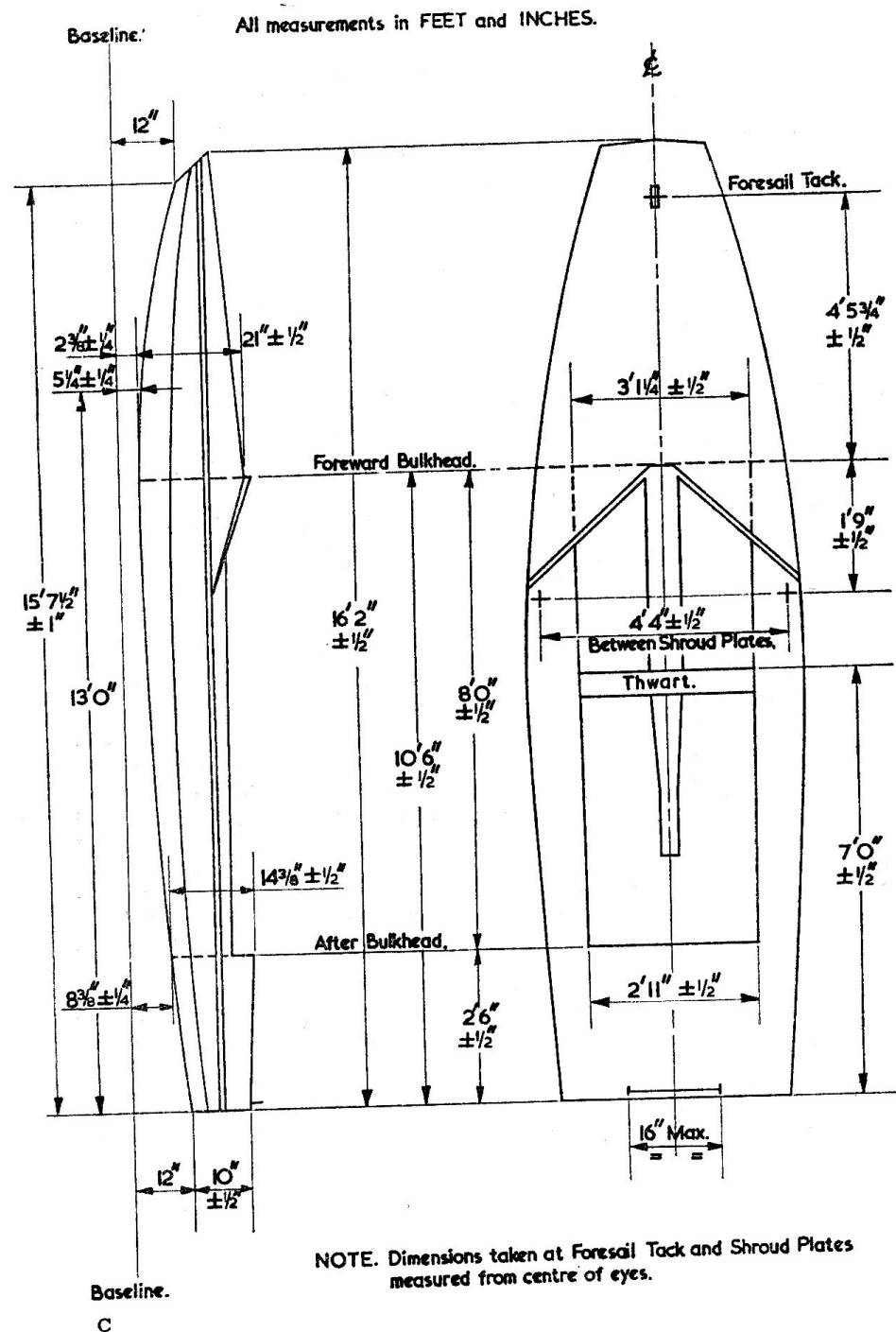
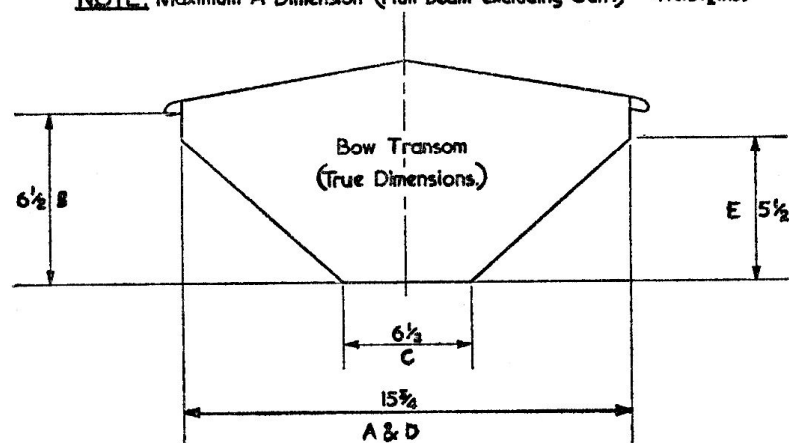


TOLERANCE ON ALL DIMENSIONS ON THIS SHEET $\pm \frac{1}{2}''$

Sections.	'A'	'B'	'C'	'D'	'E'
After Transom.	41 $\frac{1}{4}$	6 $\frac{1}{8}$	13 $\frac{1}{2}$	40 $\frac{1}{2}$	3 $\frac{1}{8}$
After Bulkhead.	47 $\frac{1}{2}$	9 $\frac{1}{2}$	15 $\frac{5}{8}$	45 $\frac{1}{8}$	4 $\frac{1}{4}$
Forward Bulkhead.	48 $\frac{1}{4}$	14 $\frac{3}{8}$	14 $\frac{1}{4}$	45	6 $\frac{1}{2}$

All measurements in INCHES.

NOTE: Maximum 'A' Dimension (Hull beam excluding Gun!) - 4ft.5 $\frac{1}{2}$ ins.



NOTE: Dimensions taken at Foresail Tack and Shroud Plates measured from centre of eyes.

FIREBALL CLASS RULES

SECTION I

The object of the Class Rules is to establish the Fireball Class as a strict One Design in all respects affecting the performance of the boat, yet to allow enough latitude in other matters in order to promote interest in the fitting out, maintaining and racing of the boats themselves.

SECTION II

1. HULL

- (a) To be of wooden construction.

The following to be of marine grade plywood of a minimum thickness of $\frac{1}{4}$ in./6 mm.:

Centre bottom panel
Bilge panels
Centreboard case sides
*After transom
*Bow transom

(*These may also be cut from $\frac{5}{8}$ in./16 mm. thick solid mahogany which, obviates the necessity for fashion pieces.)

The following to be of marine grade plywood of a minimum thickness of $\frac{3}{8}$ in./5 mm.:

Topsides
Tanksides
Bulkheads
Decking

- (b) All timber other than plywood shall be spruce or African mahogany or timber of similar nature.
- (c) The hull shall conform to the dimensions laid down on Measurement Sheets One and Two and shall be within the stated tolerances.
- (d) Both the forward and after cockpit bulkheads, with any hatches in place, shall form effective watertight compartments at the bow and stern. Also the side tanks with hatches in position shall be watertight compartments and be properly sealed off from the bow and stern compartments. The watertight integrity of the hull shall rely on not less than these four separate compartments.
- (e) The hull when painted and complete with all fixed fittings and toe-straps, but less the centreboard, shall weigh not less than 175 lbs./79.38 kilos.

This weight should be recorded before the boat is launched for the first time. Or, if the boat has been used, it must have been kept out of the water and in a dry condition for not less than 14 days, with all hatches removed and cover off.

If a boat is found to be under-weight at the time of measurement, correcting weights must be fitted to bring the boat up to the permitted minimum weight. The combined weight of the correctors shall not exceed 10 lb./4.536 kilos. Half the required weight shall be fitted to the after side of the forward bulkhead and half to the forward side of the after bulkhead in such a position as to be always visible. The total

number of correctors shall not exceed four and each shall have its weight stamped on it in a visible position. The total weight of the correctors shall be shown on the racing certificate. If a boat becomes overweight after the issue of a certificate, the boat may be re-weighed by an approved measurer and any correcting weights removed or reduced, provided that the boat shall then not weigh less than the minimum permitted weight. The boat's racing certificate must be returned to the Class Secretary for endorsement together with the measurer's certificate of re-weighing.

NOTE: All measurements taken from the forward bulkhead or the aft transom are made from the AFTER faces. All measurements taken from the after bulkhead are dimensioned from the FORWARD face.

- (f) Bulkheads

Measured down the centreline of the forward bulkhead, the height of the crop of the foredeck above the inside of the centre bottom panel shall be 21 in./533 mm. $\pm \frac{1}{2}$ in./ ± 13 mm.

Measured down the centreline of the after bulkhead, the height of the crop of the afterdeck above the inside of the centre bottom panel shall be 14 $\frac{1}{2}$ in./365 mm. $\pm \frac{1}{2}$ in./ ± 13 mm.

- (g) Aft Transom

The overall depth of the aft transom measured down the after face shall be 10 in./254 mm. $\pm \frac{1}{2}$ in./ ± 13 mm.

- (h) Hull Sections

Excluding the chine deflectors and the bottom rails, the hull shell shall consist of straight line sections when measured in the same plane as the stations.

- (i) Centreboard Case Slot

The slot shall not exceed 1 $\frac{1}{2}$ in./28.6 mm. in width. Slot rubbers may be fitted.

- (j) Centreboard Pivot

The pivot shall be centred 20 in./508 mm. $\pm \frac{1}{2}$ in./13 mm. aft of the forward bulkhead and 2 $\frac{1}{2}$ in./63.5 mm. $\pm \frac{1}{4}$ in./6.4 mm. above the inside of the centre bottom panel.

- (k) Mast Step

The mast shall be stepped on the top of the spur at the forward end of the centreboard case. The maximum height of the heel of the mast above the inside of the centre bottom panel shall be 6 $\frac{1}{2}$ in./158.8 mm. tenon excluded.

The mast shall be stepped with its forward face at the heel (tenon excluded) not further aft from the forward bulkhead than 3 in./76.2 mm.

- (l) Gunwale Rubbers

These shall extend a maximum of 1 $\frac{1}{2}$ in./38.1 mm. from the outside of the hull when measured along the underside of the rubber.

- (m) Chine Deflectors

These shall be shaped and positioned as shown on the Official Drawing. They must extend forward of the aft face of the after tran-

som for a minimum of 12 ft. 8 in./3860 mm. The forward 12 in./304.8 mm. of the deflector may be faired into the chine line for appearance.

The deflectors shall be $\frac{3}{8}$ in./9.5 mm. deep, and $1\frac{1}{2}$ in./31.7 mm. wide. Both these dimensions shall have a tolerance of $\pm \frac{1}{16}$ in./1.6 mm.

(n) **Bottom Rails**

These shall be shaped and positioned as shown on the Official Drawing. The outboard edge of the rail must lie on the knuckle between the centre bottom panel and the bilge panel.

The bottom rails must extend forward of the aft face of the after transom a minimum distance of 9 ft. 3 in./2820 mm. The forward 4 in./101.6 mm. of the rail may be faired into the bottom of the hull.

The bottom rails shall be $\frac{3}{8}$ in./9.5 mm. deep, and $1\frac{1}{2}$ in./31.75 mm. wide. Both these dimensions shall have a tolerance of $\pm \frac{1}{16}$ in./1.6 mm.

The bottom rails shall be protected by half-round or "D" section metal or plastic strip not less than $\frac{5}{16}$ in./8 mm. wide. The protective strip shall extend from the aft face of the aft transom forward a minimum distance of 9 ft. 3 in./2820 mm.

(o) **Rocker**

With the boat upside down and supported level with the designed water-plane, a base line shall be set up exactly 12 in./304.8 mm. above the extreme ends of the centre bottom panel on the centreline of the boat. The following measurements will be checked with a tolerance of $\pm \frac{1}{4}$ in./ ± 6.35 mm. at the following positions:

A. 2 ft. 6 in./762 mm.; B. 10 ft. 6 in./3200 mm.; and C. 13 ft. 0 in./3962 mm. forward of the aft face of aft transom.

Vertical distance from base line to centre bottom panel:

A. $8\frac{3}{8}$ in./212.7 mm.; B. $2\frac{3}{8}$ in./60.3 mm.; and C. $5\frac{1}{4}$ in./133.5 mm.

(p) **Thwart**

To be $4\frac{1}{2}$ in./114.3 mm. $\pm \frac{1}{4}$ in./6 mm. wide by $\frac{5}{8}$ in./16 mm. $\pm \frac{1}{16}$ in./1.6 mm. thick. The thwart to be fitted with its forward edge 7 ft. 0 in./2134 mm. from the aft face of the aft transom, $\pm \frac{1}{2}$ in./ ± 13 mm.

2. DECKING

- (a) The decking shall cover the area shown on the Official Drawing and shall be of plywood not less than $\frac{3}{16}$ in./5 mm. thick.
- (b) The camber of the after deck and the angle of the side decks with the topsides shall be similar to the Official Drawing.
- (c) The foredeck may be either vee'd or cambered, but in both cases, the profile at the centreline shall be similar to that shown on the Official Drawing.
- (d) The join between the tanksides and the side decks may be capped with a wooden half round section having a maximum radius of $\frac{3}{4}$ in./19 mm.

3. TANKSIDES

The tanksides shall be vertical and run in a straight line between the bulkheads when viewed in plan.

4. SHROUD AND FORESAIL TACK POSITIONS

The points of attachment of the shrouds and the tack of the foresail to the hull shall conform to the measurements shown on Measurement Sheet Two. There is a $\pm$ tolerance of $\frac{1}{2}$ in./13 mm. on all measurements which are taken from the hole centres which must not exceed $\frac{3}{4}$ in./6.4 mm. in diameter. Shroud plates shall be fixed to outside of hull. Centre of eyes 1 in./25.4 mm. above decks. Tolerance $\pm \frac{1}{4}$ in./6.4 mm.

5. CENTREBOARD

- (a) To be of marine plywood, mahogany or similar material and may be of streamlined section.
- (b) The profile of the board must conform to the Full Size Pattern. When centred at the pivot position, the profile of the board must lie on, or not more than $\frac{1}{4}$ in./6.4 mm. inside the pattern at any point.
- (c) Any protective coating may be applied to the centreboard, but the thickness of the coating must be included in the overall thickness which must not be more than $\frac{7}{8}$ in./22.2 mm.
- (d) The loading edge and toe may be protected by small section metal or plastic strip.
- (e) When complete with friction device, the centreboard shall weigh not more than 20 lb./9.07 kg.

6. RUDDER AND TILLER

- (a) The blade to be of marine plywood, mahogany or similar material and may be streamlined in section.
- (b) The rudder blade below the waterline shall not exceed a thickness of 1 in./25.4 mm. when complete with its protective coating.
- (c) Shape, construction and weight of both rudder and tiller to be free.
- (d) The rudder is to be fitted to the transom in such a manner that it will not part company with the boat during a capsize.

7. MAINSHEET ARRANGEMENT

This may be taken either to the transom horse shown on the Official Drawing or to some centrally operated system if preferred. In both cases the centre of traveller on the horse may not travel more than 8 in./203.2 mm. either side of the centreline.

8. MAST

- (a) To be of aluminium alloy, steel or wood and stayed by one pair of shrouds and one forestay only. The top 5 ft. 6 in./1675 mm. of the mast to be unstayed.
- (b) The mast may be braced by:
 - either one set of diamonds
 - or one set of swinging or fixed spreaders to the shrouds.

The spreaders in each case to be attached to the mast approximately at the mid-point between hounds and lower band.

- (c) When stripped of standing and running rigging, but complete with all fixed fittings and bracing if fitted, the minimum weight of the mast shall be 17½ lb./7.94 kg.
- (d) The centre of gravity of the mast when rigged as described in 8 (d) shall be not less than 9 ft. 0 in./2743.2 mm. from the heel excluding the tenon.

9. BOOM

- (a) To be of metal or wood.
- (b) Booms of both materials must pass through a ring of 4 in./101.6 mm. diameter.

10. MAST BANDS

- (a) The mast must carry three bands of a colour strongly contrasting with the colour of the mast. They shall be approximately ½ in./12.7 mm. in width. The top of the lower black band shall be a maximum of 3 ft. 4½ in./1029 mm. above the heel of the mast, tenon excluded. When racing the top of the boom in its lowest position shall not come below the top of the lower band. The bottom edge of the middle band shall be 16 ft. 8 in./5080 mm. above the heel of the mast, tenon excluded. The line of the forestay when extended shall not meet the forward edge of the mast above this point. The point where the line of the shrouds when extended meet the sides of the mast shall be within 3 in./76.2 mm. of the lower edge of the middle band. The bottom edge of the upper band shall not be more than 18 ft. 9 in./5715 mm. above the top edge of the lower band. When racing no part of the mainsail shall extend above the lower edge of the top band.
- (b) The after end of the boom shall carry a coloured band strongly contrasting with the colour of the boom. The band is to be approximately ½ in./12.7 mm. wide. With the boom fitted on the gooseneck and at right angles to the mast, the distance between the after side of the mast and the forward edge of the band on the boom shall not exceed 9 ft. 4 in./2845 mm. When racing, no part of the mainsail shall extend beyond the forward edge of this band.

11. SAILS

Each sail shall be passed by an official measurer who will sign and date it on the tack. Details (maker and number) to be sent to the Secretary for entry in the Racing Certificate.

(a) Mainsail

The straight leach measurement taken from the top forward corner of the headboard to the clew to be not greater than 20 ft. 9 in./6325 mm.

Head Board

Shall not be more than 6 in./152.4 mm. when measured at right angles to the mast.

Cross Widths

The width at half height not to exceed 6 ft. 8 in./2032 mm.

The half-height measurement to be taken along the fold formed when the top forward corner of the headboard is placed on the forward corner of the tack with the two halves smoothed out and the luff coinciding.

The line of the leach shall be a fair continuous curve. The maximum roach shall be at a point half way $\pm$ 1 ft./304.8 mm. along a line joining the aft side of the head board to the clew.

These measurements are to be taken with the sail in a dry condition. All measurements are to the outside of the sail and all hollows are to be bridged by straight lines.

The sail must be of woven synthetic fibre and be capable of being kept in a normal sailbag.

(b) Foresail

The luff shall be measured between the centres of the tack and head eyes, the maximum dimension to be 14 ft. 2 in./4318 mm.

The diagonal measurement taken from the edge of the sail at the clew to the nearest point on the luff shall not exceed 5 ft. 0 in./1524 mm.

No battens or other forms of stiffening are allowed in the foresail other than the reinforcing patches made of similar material to that of the sail.

No internal dimension of the head, tack or clew eye shall exceed 1 in./25.4 mm. in any one direction.

No eye shall be fitted with its centre more than 1 in./25.4 mm. from the nearest corner of the sail.

One transparent panel may be fitted to both the mainsail and the foresail. Each panel shall not exceed 3 sq. ft./0.279 sq. metre.

(c) Battens

Number of battens in mainsail to be four.

The battens shall be so placed that the leach is approximately divided into five equal parts, there being a tolerance of 2 in./50.8 mm. measured either way from the centre of the batten.

Top batten not to exceed 3 ft. 10 in./1168 mm. and to go to the mast.

Two centre battens not to exceed 2 ft. 9 in./838 mm.

Bottom batten not to exceed 2 ft. 3 in./685.8 mm.

Maximum width of battens to be 2 in./50.8 mm.

(d) Insignia

The Fireball Class Insignia to be one red disc 20 in./508 mm. in diameter and placed back to back on the mainsail above the third batten from the foot.

(e) Racing Numbers

To be 12 in./304.8 mm. high and sewn on either side of the mainsail, the numbers to be staggered one above the other.

12. JIB STICK

- (a) The spar to be round in section with a maximum diameter of 1½ in./38 mm.

- (b) The spar to be of wood or metal.

- (c) The spar maximum length shall be 5 ft./1524 mm. including fittings.

13. SPECIAL REGULATIONS

- (a) The boat shall be raced by a crew of two persons.
- (b) Apart from toe straps which must be contained within the cockpit area and trapeze for one person suspended from the hounds, no other means may be used to support the helmsman or crew outboard while Class Racing.
- (c) Apart from the chine deflectors, rudder hangings, horse, chain plates, and the bottom rails shown on the Official Drawings, no other form of deflector or projection may be fitted to the outside of the hull shell.
- (d) The use of spinnakers is prohibited.
- (e) Two Self-bailers may be fitted. The total effective area of the bailing outlet is not to exceed 6 sq. in./3871 sq. mm. Draining transom scuppers are not permitted.
- (f) The foresail sheet leads may not be fitted outboard of the gunwale edge when viewed in plan.
- (g) The Registered Number shall be carved on the thwart in figures 1 in./25.4 mm. high.
- (h) The Fireball Association may refuse to issue or cancel a Racing Certificate if they are satisfied that unfair means although not expressly prohibited in these rules, have been adopted in order to produce a boat different from and faster than other boats in the class.

FIREBALL ASSOCIATION

Chairman:

1962-63 JOHN BATTEN
1963- ALAN WILSON

Secretary:

1962-64 BILL KEMPNER
1965- PETER MACKINTOSH
80 Coppermill Road, Wraysbury, Bucks.

Technical Advisers:

JACK CHIPPENDALE
PETER MILNE

Committee 1964/5:

SCOTLAND	F. H. HAMILTON	(16)
N.W. AND N. WALES	B. HANDS	(134)
N.E.	C. REYNOLDS	(15)
MIDLANDS AND FLEETS	D. G. GILL	(500)
KENT AND EAST SUSSEX	A. J. WILSON	(75)
SOUTH	P. COOK	
LONDON (co-opted)	M. WETHERILL	(777)
E. COUNTIES	R. PAGE	(457)
ESSEX	C. ROWE	(186)
S.W. AND S. WALES	R. GAPPER	(77)
CO-OPTED	W. KEMPNER	(902)
HON SEC.	P. MACKINTOSH	

RULES OF THE FIREBALL ASSOCIATION

1. TITLE

As above.

CLASS FLAG: Pendant 8 (International).

2. OBJECTS

The objects of the Association are to further the interests of the "Fireball" Class, and to govern the affairs of the Class in the U.K.

3. MEMBERSHIP

- (a) Full Membership shall be open to any owners of a Fireball, and Racing Certificates are only valid so long as the owner remains a member.
- (b) Associate Membership shall be open to any person interested in the Fireball Class, but shall not be entitled to a vote.
- (c) Oversea Membership shall be open to any owner or person interested in the Fireball Class residing in a country where no Association is in existence.
- (d) Shared boats are entitled to one vote only.

4. SUBSCRIPTION

Annual subscription shall be fixed for the ensuing year at the A.G.M.

1963: Full Members, £1.0.0, including Handbook

Ass. Members £1.0.0, including Handbook

Overseas members, £1.0.0.

Subscriptions are due on the 1st January each year.

5. MANAGEMENT

The affairs of the Association shall be managed by a Committee (of full members) and shall consist of a representative elected annually from:

- (a) The following areas in the U.K.: Scotland; Wales; North East; North West; Midlands; Eastern Counties; South East; South, South West and London, and such areas as the Committee shall decide from time to time.
- (b) The Committee shall elect a Chairman for the ensuing year, who will appoint an Hon. Sec. and an Hon. Treasurer, subject to the approval of the Committee.
- (c) The Committee shall have power to fill any vacancies that may occur during the year, and may co-opt full members if deemed necessary.

6. FLEETS

Four measured and registered Fireballs will be deemed a Fleet, and will be issued with a Fleet Number. Only Fireballs with valid certificates are eligible for Class Racing.

7. FLEET MANAGEMENT

Members of each Fleet will appoint a Fleet Captain, who will be responsible for liaison between Committee and Fleet for collecting subscriptions and forwarding entries for the Annual Championship races etc.

8. CONDUCT OF MEETING

- (a) The Annual Meetings of the Association shall be held each year during the period September to November, the precise time and place being at the Committee's discretion.
- (b) General Meetings may be called by the Committee.
- (c) A Special General Meeting shall be called by the Chairman or Hon. Sec. upon receipt by the Hon. Sec. of a request in writing signed by not fewer than ten members of the Association.
- (d) At least 30 days' notice with written agenda shall be given to any General Meeting. Items to be put on the Agenda of the A.G.M. should be sent to the Secretary before the 31st March.
- (e) A notice of any other document may be served by the Association upon any Member either personally or by sending it through the post in a pre-paid letter addressed to such member at his last known address, but accidental omission to give such notice or other document to, or the known receipt of such notice or other document by any such member shall not invalidate any resolution passed or election connected therewith.
- (f) The accounts of the Fireball Association will be audited each year and circulated to all subscribers.
- (g) Recommendations to alter the Class Rules shall take place at the A.G.M. and must be passed by a majority of two-thirds of those present and entitled to vote.

NOTE: These rules are intended to form the framework for Federated Associations, but additional rules may be added at the discretion of these Associations.

FIREBALL ASSOCIATIONS

BELGIUM

Chairman: JEAN JANSSENS DE BISTHOVEN

Hon. Sec.: JEAN LEHOUCK, c/o 101 Rue des Annonciades, Bruges
JEAN BEERNAERT

CANADA

Chairman: FRANK E. PREBBLE

Hon. Sec.: HARRY O. LEVER, 41 Haddock Road S.W., Calgary, Alberta

SANDRA MILLAR

C. F. KELLY

R. M. ROBINSON

Manitoba Division: J. F. CARTER, 963 Calrossie Blvd., Winnipeg 19, Manitoba

IRELAND

Chairman: P. E. O'BRIEN

Hon. Sec.: EDDY KAY, Gordon Lodge, Sutton, Dublin

R. DICKSON

G. GILMORE

FRANCE

Chairman: R. FUZIOL

Hon. Sec.: DONAT BRIANDET, 13 Rue de la Princesse Louveciennes
(S & O)

DR. G. BROTHIER

W. GRIMM

J. FRITSCH

GERMANY

Hon. Sec.: KARL PREUSSE, 2 Hamburg-Blankenese Postfach 615

MAURITIUS

Hon. Sec.: PIERRE DALAIS, 15 Sir William Newton, St., Port Louis

NEW SOUTH WALES

Chairman: R. MAIN

Hon. Sec.: RICHARD MANSON, 112 Roseville Avenue, Roseville,
N.S.W.

Hon. Treas.: H. J. VICK

RHODESIA

Chairman: F. R. MUDGE

Vice-Chairman: C. E. SHARLAND

Hon. Sec.: J. D. WHITNEY, P.O. Box 8096, Belmont, Bulawayo

SOUTH AFRICA

President: BRIAN GEORGE (421)

Hon. Sec.: COLIN EDWARDS (276), La Rochelle, Waverley, Queenstown

J. BROWN (428), Transvaal

C. TOMLINSON (419), Cape

J. CANNER (339), S.W. Africa

S. E. DE JONG (414), Natal

SWITZERLAND

Hon. Sec.: H. RUSTENHOLZ (S.F.A.), Meilenbach, Au. Zurich

TASMANIA

Hon. Sec.: DAVID WILSON, 27 Kellatie Road, Rosny

U.S.A.

Hon. Sec.: JACK WANENMACHER, Room 1420, 815 Superior Ave.,
Cleveland, Ohio

SWEDEN

Rep.: CARL ERIK WARFVINGE, Artic

NEW ZEALAND

Rep.: BILL PEARSON, Box 36, Plimmerton, N.Z.

FIREBALL FLEETS

<i>Fleet No.</i>	<i>Club</i>	<i>Fleet Captain</i>
1	Highcliffe S.C.	J. Ayres, 7 Coleridge Green, Somerford, Christchurch, Hants.
2	Alexandra Y.C.	R. Choppin, "The Golden Lion", Prittlewell, Essex
3	Trent Valley S.C.	N. Green, Ecclesbourne House, Wyndley, Derbyshire
4	Marina Y.C.	Henry White, 13 Beverley Drive, Edgware, Middx.
5	Brighton S.C.	T. A. Turnbull, 93a Carden Avenue, Brighton
6	Sutton Dinghy Club	D. Hogg, Cresmarlin, Foxfield Road, Raherry, Dublin
7	Skerries S.C.	G. G. Galbraith, c/o Hult Motors Ltd., Clanwilliam House, Lower Mount Street, Dublin 2
8	Silver Wing Club	P. D. Mackintosh, 80 Coppermill Road, Wraysbury, Nr. Staines, Middlesex
9	Tollesbury S.C.	R. S. Lonton, Tollesbury S.C., Tollesbury, Essex
10	Littlehampton S.C.	P. D. Espley, 66 Parkside Avenue, Littlehampton, Sussex
11	Locks S.C.	c/o Class Captain, Fireballs, Locks S.C.
12	Societe Nautique de Neuve d'Ussel	Dr. Brothier, 5 Rue de l'Intendance d'Auvergne, Riom (P. de C.), France
13	Atlantic College S.C.	G. Dean, St. Donats Castle, Llantwit Major Glamorgan
14	Norfolk Broads S.C.	Mrs. S. M. Garratt, 5 St. Laurence Avenue, Brundall, Norwich
15	Langstone S.C.	G. C. Philp, Carena, West Lane, S. Hayling, Hants.
16	Dell Quay S.C.	P. Fauchon, c/o Fauchon Boats, Dell Quay, Sussex
17	Rushmead S.C.	Mr. V. Watkins, Cartree, Carnaby Road, Broxbourne, Herts.
18	Hayling Island S.C.	R. R. Head, 71 Lyndhurst Ave., Twickenham, Middx.
19	Matapos Y.C.	R. E. Dines, P.O. Box 1715, Bulawayo, S. Rhodesia
20	Newport S.C.	R. W. Gapper, 133 Gaerleon Road, Newport, Mon.
21	Royal Victoria Y.C.	c/o Class Capt., "Fireballs", Royal Victoria Y.C., Victoria, B.C., Canada
22	S. Sailing Soc.	P. G. Hart, Apt. No. 3, Harlington Drive, Hartsville, S.C., U.S.A.
23	Snettisham Beach S.C.	F. D. Berry, Glosthorpe Manor, Ashwicken, Kings Lynn, Norfolk
24	Tewkesbury Cr. and S.C.	P. Bond, Oak Retreat, Queenhill, Upton-on-Severn, Worcestershire

<i>Fleet No.</i>	<i>Club</i>	<i>Fleet Captain</i>
25	Fareham S. and M.B.C.	C. Tappenden, Salterns, Earls Road, Fareham, Hants.
26	C.S. Carlesien Sur Marne	D. Oudin, 14 Bis Rue de la Paix, Vincennes (Seine)
27	C.V. Sens	R. Fuziol, 87 Rue de la Republique, Sens
28	Seasalter S.C.	L. E. Rodgers, The Briars, Manor Drive, Hartley, Dartford, Kent
29	Castle Cove S.C.	R. M. Turner, Meadows, Radipole Village, Weymouth, Dorset
30	Harlow S.C.	K. Thompson, 45 Bell Common, Epping, Essex
31	Brancaster Staithe S.C.	W. D. Everington, Hill Farm, Great Dunham, Kings Lynn, Norfolk
32	Grand Baie Y.C.	P. Dalais, 15 Sir William Newton Street, Port Louis, Mauritius
33	Glenmore Y.C.	Chas. Kelley, c/o Smallcraft of Canada, Calgary, Alberta
34	Sandy Bay S.C.	M. Lindsay, 60 St. George's Terrace, Battery Point, Tasmania, Australia
35	Bayview Y.R.A.	R. Manson, 112 Roseville Avenue, Roseville, New South Wales, Australia
36	Loughton S.C.	Hon. S. Sec., Debden Community Centre, Loughton Hall, Rectory Lane, Loughton, Essex
37	C.V. Vaux-Sur Seine	Donat Briandet, 13 Rue de la Princesse, Louveciennes (S. and O.)
38	C.V. Champagne-Ardenne	R. Boizel, 14 Rue de Bernon, Epernay (Marne)
39	Y.C. Vichy	M. P. Lafont, Lotissement Felide, Rout de Clemont, Rion (P. de D.)
40	S.R. Caen-Ouistreham	Dr. Provost, 13 Rue F. Marescot, Caen (Calvados)
41	Cleveland Y.C.	Jack Wanenmacher, c/o U.S. Fireball Association
42	Umgasa Y.C., Bulawayo	F. R. Mudge, 4 Herrick Road, Malindela, Bulawayo

FIREBALLS

are registered or are building in the following overseas countries

FRANCE
IRELAND
SWITZERLAND
UNITED STATES OF AMERICA
SOUTH AFRICA
BELGIUM
GERMANY
RHODESIA
AUSTRALIA
SWEDEN
SPAIN
CHANNEL ISLANDS

CANADA
ADEN
MARTINIQUE
NEW ZEALAND
ZANZIBAR
SINGAPORE
GHANA
NIGERIA
KENYA
UGANDA
BURMA
TRINIDAD

JAMAICA
POLAND
HOLLAND
FINLAND
SEYCHELLES ISLANDS
MAURITIUS
NICARAGUA
GABON
SWAZILAND
TUNISIA
NEW GUINEA

OVERSEAS CLUBS

WITH MEMBERS OWNING FIREBALLS

FRANCE

S.N. AEROPORT DE PARIS
C.N. BOURGOGNE
S.R. CAEN-OUISTREHAM
C.S. CARLESSEN
CANTALES CLUB
C.V. CHAMPAGNE-ARDENNES
Y.C. CREUSOT
Y.C. DU DER
G.N. GLENANS
Y.C. GRANVILLE
C.N. ISTRES
C.V. MERVENT
C.N. NEUVIC D'USSEL
Y.C. PORT MANECH
Y.C. ST. LUNAIRE
C.Y.V. ST. MAMMES
C.V. SENS
C.N. TOQUET
S.V. VAUX-SUR-SEINE
Y.C. VICHY

IRELAND

BALTIMORE S.C.
BRAY S.C.
DUBLIN BAY Y.C.
KINALE Y.C.
SKERRY S.C.
SUTTON DINGHY C.
TRALEE BOAT CLUB (FENIT)

SWITZERLAND

C.N. DE LA VOILE DE LA
S.N. DE GENEVE

Y.C. DE GENEVE
HALLWIL Y.C.
ST. MORITZ Y.C.
C.V. THALWIL
THUN Y.C.
WALENSEE S.C.

BELGIUM

ROYAL BRUGES Y.C.
Y.C. DE NIEUPORT
DONSKE ZEIL C.
Y.C. DE NIEUPORT
BRUXELLES ROYAL Y.C.
R. BELGIAN S.C.
C.N. DE VISE

AFRICA

EAST LONDON S.C.
HENLEY Y.C. (NATAL)
MATAPO Y.C. (R.)
MAZOE LAKE Y.C. (R.)
QUEENSTOWN POWER C.Y.C.
WALVIS BAY Y.C.
UMGUSA Y.C. (R.)
ZULULAND Y.C.

AUSTRALIA

BAYVIEW Y.R.A.
SANDY BAY S.C.

CANADA

FALCON Y.C. (MANITOBA)
GLENMORE Y.C.
LAKE SIMCOE Y.C.

ROYAL VICTORIA Y.C.
WESTHAWK Y.C. (MANITOBA)

U.S.A.

AMARILLO Y.C. (TEXAS)
CHARLESTON S.C. (S.C.)
CLEVELAND Y.C. (OHIO)
DIXIE S.C.
EDGWATER Y.C.
S. SAILING SOCIETY
SAYVILLE Y.C.

GERMANY

SEGELKAMERADTSCHAFT OST
(HAMBURG)
S.C. SAARLAND
FRANKFURTER Y.C.
WASSERSPORT BREMER
SCHWEIZ

MISCELLANEOUS

PALEMATA Y.C. (N.Z.)
GRAND BAIE Y.C.
(MAURITIUS)
REAL CLUB NAUTICO
(BARCELONA)
ST. CATHERINES Y.C. (C.I.)
S.R. DOUARNENEZ (TUNISIA)
ROYAL SINGAPORE Y.C.
PORT MORESBY Y.C.
(NEW GUINEA)
CHANGI Y.C. (SINGAPORE)
MURRAY'S BAY Y.C. (N.Z.)
NAIVASHA Y.C. (NAIROBI)

CLUBS WITH MEMBERS OWNING FIREBALLS

ALEXANDRA Y.C.
ANNANDALE Y.C.
ARE VALLEY S.C.
ATLANTIC COLLEGE S.C.
BABBACOME CORINTHIAN
S.C.

BALA S.C.
BEAVER S.C.
BOSHAM S.C.
BRANCASTER STAITHE S.C.
BRAY S.C.
BRANDY HOLE Y.C.
BRIGHTON S.C.
BRISTOL AVON S.C.
BRITISH M.Y.C.
BURNHAM-ON-SEA S.C.
CASTLE COVE S.C.
CATAMARAN Y.C.
CARNOUSTIE Y.C.
CHASE S.C.
COLDHAM HALL S.C.
COSHAM S.C.
DECCA/FAIREY S.C.
DELL QUAY S.C.
DELPH S.C.
DENVER S.C.
DOVEY S.C.
EAST ANGLIAN CR. C.
EASTBOURNE S.C.
EAST LANC. S.C.
EGHAM LAKE S.C.
EMSWORTH SLIPPER S.C.
ESSEX Y.C.
EYE S.C.
FAREHAM M. AND S.C.
FELIXSTOWE FERRY S.C.
FILEY S.C.
FISHERROW Y.C.
FOLKESTONE Y.C.
GRAVESEND S.C.
GREAT YARMOUTH AND
GORLESTON S.C.
HALFWAY Y.C.
HAMBLE RIVER S.C.
HARLOW S.C.
HARROGATE AND RIPON
A.S.A.
HARTLEPOOL Y.C.
HARWELL S.C.
HARWICH TOWN S.C.
HASTINGS AND
ST. LEONARDS S.C.
HAYLING ISLAND S.C.
HENLEY S.C.
HICKLING BROAD S.C.
HIGHCLIFFE S.C.
HORNSEA S.C.
ITCHENOR S.C.
LANGSTONE S.C.
LEE-ON-SOLENT S.C.
LILLIPUT S.C.
LITTLEHAMPTON M. AND S.C.
LLANGORSE S.C.
LOCKS S.C.

LOUGHTON S.C.
LOWTON S.C.
LYME REGIS S.C.
LYMINGTON TOWN S.C.
MARGATE S.C.
MARCONI S.C.
MANX S.C. (I.O.M.)
MARINA Y.C.
MANCHESTER C.A.
MAYLANDSEA S.C.
MEDWAY Y.C.
MILLBEACH S.C.
MUMBLES Y.C.
NATIONAL SCHOOLS S.A.
NEWBURGH S.C.
NEWHAVEN S.C.
NEWPORT Y.C.
NEW RIVIERA S.C.
NORFOLK BROADS Y.C.
NORTH BELFAST Y.C.
NORTHCLIFF S.C.
NORWICH FROSTBITE S.C.
NOTTS COUNTY S.C.
PARKSTONE Y.C.
PETERBOROUGH Y.C.
PORTCHESTER S.C.
PRESTWICK S.C.
RHYL Y.C.
ROYAL AIR FORCE
SAILING CENTRE
ROYAL CANOE CLUB
ROYAL CORINTHIAN Y.C.
ROYAL ENGINEERS Y.C.
ROYAL GOUROCK Y.C.
ROYAL HARWICH Y.C.
ROYAL NAVAL S.A.
ROCK Y.C.
RUSHMEAD S.C.
RUSTON S.C.
SALTERS S.C.
SANDYPOINT S.C.
SEASALTER S.C.
SHALDON S.C.
SHEARWATER S.C.
SILVER WING S.C.
SKEFCO S.C.
STARCROSS S.C.
STEEPLE BAY
STOKES BAY S.C.
STONE S.C.
SOUTH CERNEY S.C.
SUNDERLAND Y.C.
SUSSEX M.Y.C.
SUSSEX Y.C.
TEES S.C.
TEWKESBURY CRES. S.C.
THORNBURY S.C.
TOLLESBURY S.C.
TUDOR S.C.
WALDRINGFIELD Y.C.
WALTON S.C.
WARSASH S.C.
WEST KIRBY S.C.
WESTON BAY Y.C.
YARE VALLEY S.C.

RECOMMENDATIONS GOVERNING CHAMPIONSHIP MEETINGS (U.K.)

These recommendations are for the guidance of organising committees, and they shall not depart from same without reference to the class committee. Where applicable they shall be embodied in the preliminary notice for the event and regulations 3—7 shall be included in the sailing instructions.

1. There shall be a National Championship of the Class held each year at a place to be confirmed at the A.G.M. There may also be an area championship each year, but location and place shall be determined by the A.G.M.
2. The National Championship shall not be held during a recognised Yachting week, and only at a time when no other championship is taking place in the same waters. This rule shall apply to area championships, only so far as it can be achieved.
3. Only boats which hold valid Racing Certificates may compete in any Championship series and such certificates must be produced before the series starts. The organising club will satisfy itself that all Owners of competing Yachts are holders of valid Racing Certificates.
4. The Championship shall be decided over a series of a minimum five races. Scoring: 1st, 0; 2nd, 1.5; 3rd, 2.75; 4th, 4; 5th, 5; etc. The Championship will be won by the Helmsman of the Yacht attaining the highest aggregate points after discarding one of its races, if at least three races of the series are sailed. If fewer than three races are sailed, then all will count. In the event of a tie, the Cup shall be shared.
5. After each race the FIRST THREE boats may be measured.
6. Only Members of a FIREBALL ASSOCIATION may helm during a Championship race.
7. There shall be a time limit on each race of four hours from the actual time of the start. (Not necessarily the advertised time.) If any Yacht completes the whole course or shortened course, within the time limit, then there shall be an extension of the time limit of 1 hour. Any Yachts not completing the course or shortened course within this time shall be deemed to have retired. If no Yacht completes the course or shortened course, but has completed at least one round of the course, then the results of the race shall be determined by the order of Yachts at the last complete round. If no Yacht has completed the first round before the expiry of the time limit, the race shall be abandoned.
8. Courses of approximately 10/15 sea miles shall be provided (at the discretion of the O.O.D.), the first leg of which must be as exactly to windward as practicable and should not be less than $1\frac{1}{4}$ sea miles in length. Courses should be set to provide for a true test in all points of sailing without undue accent being placed on any one point of sailing. (Undue accent would be when more than 50 per cent of the course was devoted to one point of sailing.) The last leg, as far as possible should also be to windward.

9. Administration: Organising Clubs should be prepared to give assistance to visitors in finding suitable accommodation. Presentation of prizes is left to the discretion of sponsoring clubs, but Fireball Associations shall be consulted.
10. The Association Honorary Secretary shall be responsible for arranging insurance on the Trophies which are the property of the Association and shall pay for their engraving from the Association funds. The Winners of Trophies shall be responsible for having Trophies engraved.

CHAMPIONSHIPS 1964

U.K.

Held at Hayling Island S.C.

Sail No.	Name	Club	Helmsman	Crew	Pts.
1 625	BLUE PETER	H.I.S.C.	P. Cook	P. Milne	6979
2 391	FIREWOOD	H.I.S.C.	R. Head	R. Rayner	5827
3 75	AQUILA	M.Y.C.	A. J. Wilson	C. Wedgwood	5619
4 608	CHRISTINE K	E.S.S.C.	C. Urry	J. Jacobs	5385
5 601	WHAT?	H.I.S.C.	W. Kempner	D. Briandet R. Kempner	5311
6 457	POINTLESS	N.B.Y.C.	R. Page	A. James	4821

IRISH CHAMPIONSHIP

Held at Baltimore S.C.

1 38	KON TIKI VI	Sutton D.C.	R. Dickson	6
2 149	SHELDRAKE	Sutton D.C.	N. Conn	7 $\frac{1}{2}$
3 172	SAILAWAY	Sutton D.C.	M. C. Walsh	8 $\frac{1}{2}$
4 171	DRIP-DRI	Sutton D.C.	B. Galtan	11
5 197	MINGIES	Sutton D.C.	D. Sheahan	17
6 86	AURORA	Sutton D.C.	P. E. O'Brien	18

FRENCH CHAMPIONSHIP

Held at C.V. Port Manech

1	P. Briandet	D. Briandet	C.V. Port Manech
2	R. Page	Mrs. Page	Norfolk Broads Y.C.
3	Baigue	Le Legard	C.V. Vaux sur Seine
4	N. Green	Mrs. Green	Trent Valley S.C.
5	Grimm	Miss Lenoir	C.S. Carlesien

TROPHIES

Championship Trophy	1963	283 CLEVEDON COMET	D. Miles and G. Durbin
		279 MISHAP	R. Fisher and D. Lonton
	1964	625 BLUE PETER	P. Cook and P. Milne
Irish Championship	1963	149 SHELDRAKE	N. Conn
	1964	38 KON TIKI VI	R. Dickson
French Championship	1963	222 —	R. Fuziol and Mallet
	1964	—	P. and D. Briandet

U.K. 1964

Norris Fireball	391 FIREWOOD	R. Head and R. Rayner,	H.I.S.C.
Chippendale Hull	625 BLUE PETER	P. Cook and P. Milne,	H.I.S.C.
Yachts and Yachting Trophy	391 FIREWOOD	R. Head and R. Rayner,	H.I.S.C.
Marlow Rope Trophy	625 BLUE PETER	P. Cook and P. Milne,	H.I.S.C.
Silver Wing S.C.	69 HIGH BALL	John Royce, T.V.S.C.	
Silver Wing Team Trophy	Trent Valley S.C.		
Trent Valley S.C.	— STARFIGHTER	John Mason, T.V.S.C.	
Alexandra Y.C.	75 AQUILA	A. J. Wilson, M.Y.C.	
Hartlepool Y.C.	15 STACCATO	R. A. Chester, H.Y.C.	
Norfolk Broads Y.C.	457 POINTLESS	R. Page and Mrs. Page,	N.B.Y.C.

France

La Rochelle	300 ALTER EGO	W. Kempner and Wife, H.I.S.C.	
C.V. Sens	222 —	R. Fuziol—Hemedey, C.V.S.	
S.N. Neuvi d'Ussel	—	Grimm—Nicolas, S.N.N.	
Charly sur Marne	—	Grimm—Boizel, C.S.C.	

Ireland

Seafly Trophy	170 VOO-DOO	A. and J. Gallagher	
Devonshire House Trophy	38 KON TIKI VI	R. Dickson	
Firbolg Trophy	150 NEFERTITI	B. O'Neill	
Traherne Cup	172 SAILAWAY	M. C. Walsh	
Blake Cup	171 DRIP DRI	B. Galton	

FIXTURES 1965

Date	Club	Event
Apr. 3/4	Tewkesbury Cr. and S.C.	Open Meeting
" 10/11	Zeebrugge	
" 17/18	Clontarf Y.B.C. (Eire)	
" 17/18	Y.C. Vichy (F)	
" 24/25	Castle Cove S.C.	
May 1/2	Silver Wing S.C.	Sussex Tankard
" 2	Littlehampton S.C.	
" 22/23	Hayling Island S.C.	
" 22	Sutton Dinghy C. (Eire)	
" 29/30	Blessington S.C.	
" 29/30	Marina Y.C.	
June 6/7	Brighton S.C.	Open Meeting and Regatta
" 5/7	La Rochelle (F)	
" 6/7	Malahide S.C. (E)	Open Meeting
" 6/7	Snettisham Beach S.C.	
" 12/13	Alexandra Y.C.	
" 13	Seasalter S.C.	Open Meeting
" 19/20	Harlow S.C.	
" 19/20	Delph S.C.	East Coast C.B. Championship of Ireland
" 19	Skerry S.C. (E)	
" 20	Skerry S.C. (E)	
" 28/		
July 2	Dun Laoghaire	I.Y.A. Championship Irish Championship
" 5/9	Royal St. George Y.C. (E)	
" 10/11	Trent Valley S.C.	French Championship G.P. de Nieuport Regatta Week Grand Prix
" 15/17	Port Manech (F)	
" 17/18	Nieuport (Belgium)	
" 17/24	Dun Laoghaire (E)	
" 17/18	Nieuport Y.C.	G.P. de Flandres Regatta
" 17/18	Tollesbury S.C.	
" 25/26	Nieuport (B)	Norfolk Week Regatta
" 31	Howth S.C. (E)	
Aug. 1/2	Snettisham Beach S.C.	Swiss Championship Ski Yachting Open Meeting U.K. Championship Week Regatta
" 2	Howth M.Y.C. (E)	
" 6/8	Brunnen (Lucerne)	Canadian Championship
" 12/15	St. Moritz	
" 8/13	Tralee B.C. (Fenit)	Firbolg Trophy
" 16/20	Hunstanton S.C.	
" 21	Clontarf Y.B.C. (E)	
" 22	Clontarf Y.B.C. (E)	
" 21/22	Norfolk Broads Y.C.	
End Aug.	S.N. Beuvi d'Ussel (F)	
Sept. 4/6	Glenmore Y.C.	
" 11/12	Bray S.C. (E)	
" 19	Kilbarrack S.C.	

FIREBALL CLASS

Date.....

APPLICATION FOR REGISTRATION AND MEMBERSHIP

I, (Name)

(Address).....

Yacht Club.....

Fleet No.....

apply for registration of my Fireball Scow:

(a) I have a kit/shell/complete boat on order with:.....

(b) I am building my own boat from Plan No.

Purchased from..... Date.....

Proposed Name (3 alternatives).....

*I understand that on completion, the boat must be measured by an R.Y.A. measurer, an R.Y.A. approved Club measurer or an official class measurer, before a Racing Certificate will be issued. (This certificate is only valid so long as the owner is a member of a Fireball Association.)

I enclose cheque/M.O. for £..... which includes: current subscription and £3.10.0 Royalty. N.B.—Where professional builders charge the above, please send receipt.

Signed.....

Boat No.....

The above to be completed and sent to your National Association, or where none exists, direct to the Fireball International, 233 Goldhurst Terrace, London, N.W.6.

*Or Overseas equivalent.

For the use of owners in the U.K. or where no Fireball Association is in existence

BANKER'S ORDER

.....19.....

To: Messrs.....

Please pay now to the account of "The Fireball Association" at Westminster Bank Ltd., 69 The Broadway, Southall, Middlesex the sum of and a like amount on the 1st day of January in each succeeding year, without application until countermanded.

2d.
Stamp

Signature.....

Address.....

Boat No.....

Bankers are requested to TYPE the name of payee on all credit advices

NOTES

PLANS are issued by Chippendale Boats Ltd., cost £2.12.0 (including postage U.K.)

OVERSEAS They may be obtained from most Fireball Associations.

CORRECTIONS

This book is based on all information to hand on 10th March, 1965. You will find many inaccuracies and much missing—please help me to keep the records straight by feeding your National Association.

A FIREBALL IS ONLY A FIREBALL IF IT HAS A RACING CERTIFICATE

A RACING CERTIFICATE CAN ONLY BE ISSUED IF

- (a) Your Boat is Measured
- (b) Your Subscription is Paid

N.B.—Racing Certificates are valid for one year only but an endorsement is issued on payment of subscription.

SUBSCRIPTIONS

U.K. The new Secretary of the Fireball Association wishes to inform all owners that he will be sending out this Handbook and Bulletin to all—but the Committee has resolved it can no longer afford to support owners who are not members and in future these will be withheld from non-members. During 1964 the Handbook and 3 Bulletins were despatched to over 500 owners of who only 260 had paid up. We need your support—you will find a Banker's Order in this book so fill it in—NOW!

TIES: 18/6 (post free, U.K.)
18/- (plus postage, Overseas)
Special discount for National Associations.

CHRISTMAS CARDS

Singles, 1/9; 1 dozen, 15/-; 2 dozen plus, at 12/- per dozen; (post paid U.K.).

REGISTER OF OWNERS

U.K.

No.	Name	Owner and Address	Club
1	FIREBALL	Norris Brothers, Burrells Road, Haywards Heath, Sussex	
2	MALVA	A. Warner, Warners Holiday Camp, Ferry Road, Hayling Island, Hants.	Hayling Is. S.C.
3	SCORCHER	J. H. L. Jones, Zambesi, Landscape Road, Warlingham, Surrey	Brit. M.Y.C.
4	MFUN	T. E. Bench, The Manor, Fishbourne, Chichester, Sussex	Langstone S.C.
5	FIREWERKS	L. H. Hayward, 30 Selangor Avenue, Emsworth, Hants.	Langstone S.C.
6	SATAN	R. Bennett, 6 Upper Montague Street, London, W.1	
7		W. D. Scantlebury, 9 Orchard Avenue, Sandford, Bristol	
8	FLAME	T. C. Barrett, 3 Market Arcade, Newport, Monmouthshire	Newport Y.C.
9	KRAHE	Atlantic College, St. Donate Castle, Llantwit Major, Glam.	Atlantic College S.C.
10		Atlantic College Ltd.	Atlantic College S.C.
11	KATARINA II	P. E. Hunt, Churchill Cottage, Castle Street, Portchester, Fareham, Hants.	Portchester S.C.
12		G. M. Haworth, Highcraft, Haslington Old Road, Rossendale, Lancs.	
13	RUMPY II	B. W. Beveridge, Crown Hotel, Lockerbie, Dumfriesshire	Annadle S.C.
14	SPEEDY	J. Batten, The Joseph Scotland Bridge, West Byfleet, Surrey	Langstone S.C.
15	GONZALES	C. Reynolds, Central Garage, Whitby Street, West Hartlepool	Hartlepool Y.C.
16	STACATTO	F. H. Hamilton, Burton Lodge, Dunure Road, Ayr	Prestwick S.C.
17	FIRE DANCE	J. L. Massie, 6 Westgate, Sale, Cheshire	Red Wharf Bay S.C.
18	THUNDERBOLT	P. J. Carse, 23 Tunnell Street, Glasgow, C.3	Prestwick S.C.
19	MR. PLOD	E. Smither, 6 Minton Close, Hawkinge, Folkestone	Folkestone Y.C.
20	EARL I	H. Humberstone, 24 Northumberland Avenue, Margate, Kent	Margate S.C.
21	RED ROCKET	Rev. Royds Jones, St. Annes, 2 Blachbrook Park Avenue, Fareham, Hants.	Fareham S.C.
22	TUTU	R. A. Head, 30 Grants Close, Mill Hill, London, N.W.7	Brit. M.Y.C.
24	FIRE BRAND	E. W. Atkinson, 98 Leicester Road, Hinckley, Leicestershire	
25	CHOPSTICKS	R. S. Choppin, The Golden Lion, Prittlewell, Essex	Alexandra Y.C.
26	PETVONELLA	O. D. W. Gulland, 2 School Lane, Collingham, Wetherby, Yorks.	Beaver S.C.
27	TABOO	S. P. Finnegan, Northwinds, 4 Burnett Avenue, Burpham, Guildford	Littlehampton S.C.
28	CHUCKLE	Dr. J. M. Shepherd, 86 Cresswell Place, London, S.W.10	Marina Y.C.
29	OH DEARIE ME	D. A. Bolton, 4 First Avenue, Church, Nr. Accrington, Lancs.	East Lancs. S.C.
30	GROWL TIGER	M. A. Gordon-Smith, 12 Lawn Road, Hampstead, London, N.W.3	Royal Harwell Y.C.
31		R. Kloster, 10 Bellevue Road, Parkstone, Dorset	Lilliput S.C.
32		D. Harris, 19 Queen's Road, Linthorpe, Middlesbrough, Yorks.	

No.	Name	Owner and Address	Club
33	COURLIS	Atlantic College Ltd., St. Donate Castle, Llantwit Major, Glam.	Atlantic C. S.C.
34	GLAROS	Atlantic College Ltd., St. Donate Castle, Llantwit Major, Glam.	Atlantic C. S.C.
35	LAZY TOO	W. R. Heathcote, Llanover, Abergavenny, Mon.	Llangorse S.C.
36	POLARIS	E. R. Edwards, Ashlea, Church Avenue, Tredegar, Mon.	Llangorse S.C.
37	DARK STAR	D. C. L. Francis, 34 Bourne Close, Winterbourne, Nr. Bristol	Thornbury S.C.
39		Farquharson and McNaughton Ltd., East Shore, Newburgh, Fife	Newburgh S.C.
40	WILDFIRE	J. Edge, 30 Main Street, Stonall, Walsall, Staffs.	
41	ITZAMNA	E. H. Read, 26 Talbot Street, Yeovil, Somerset	Fareham S.C.
42		J. J. Braithwaite, Shelwood, 173 Stemhall, New Milton, Hants.	Highcliffe S.C.
43		C. P. Surfleet, Sailors Cottage, Sandilands, Sutton-on-Sea, Lincs.	
44	PSYCHE	M. Robson, 6 Taunton Road, Sale, Cheshire	Tees S.C.
45	FIFER	R. C. J. Boot, 30 The Drive, Rickmansworth, Herts.	
46	FENELLA	T. Mitchell, 25 Links Street, Musselburgh, Midlothian	Fisherrow Y.C.
47		J. Mason, 2 West End Drive, Ilkstone, Derbyshire	
48		R. Showell, Southfield, Droitwich, Worcs.	
49		P. J. Spear, Fair-Acre, Flyford Flavel, Worcs.	
51	WETBOT	R. L. Edmonds, Woodcock Drive, Cobham, Surrey	Walton S.C.
52	PLUTO	J. Spencer, The Haven, Shore Road, Warsash, Hants.	Langstone S.C.
53	CINDERS	P. L. Beardsall, 53 Regent Street, Shanklin, Isle of Wight	Shanklin S.C.
54		W. N. Acklam, The Thrupp, Thrupp Lane, Stroud, Glos.	
55	STAR WITCH	I. C. Smith, 143 Southdown Road, Gt. Yarmouth, Norfolk	Gt. Yarmouth and Gorleston S.C.
56	SARDANA	G. G. Ling, 6 High Street, Howen-le-Wear, Crook, County Durham	
57	HEINZ	B. Sellick, 17 Westmorland Street, London, W.1	Seasalter and Whitstable S.C.
58	WIMOWEH	P. E. Richardson, 66 School Lane, Hartford, Cheshire	
59	KEE KEE	D. M. Barnes, Kyke, Trimmingham House, Trimmingham, Norfolk	Hickling Broad S.C.
60	NEBBISH	D. Handley, 206 St. Barnabas Road, South Woodford, Essex	Felixstowe and Ferry S.C.
61	FAST LADY	J. Rimmer, 71 Bath Road, Southport	Southport Y.C.
62	YAM SING	J. W. Hann, 35 Valley View Road, Rochester, Kent	Marina Y.C.
63	SIZZLE	L. R. Ardley, 2 The Chase, Ingarave, Brentwood	Steeple Bay Boat C.
64		T. P. Phillips, 49 Clarendon Road, Southsea, Hants.	Tudor S.C.
65	TRÉS LEGER	C. V. Butt, 10 Canal Road, Trowbridge, Wilts.	Shearwater S.C.
66	CLICKITCLICK	W. D. Everington, Hill Farm, Gt. Dunham, Kings Lynn	Brancaster Staithe S.C.
67	WAIT-A-MINUTE	L. G. Dawson, 71 High Street, Castle Donington, Derby	Trent Valley S.C.

No.	Name	Owner and Address	Club
68	PHOENIX	E. R. Trotman and R. E. Berlin, 50 Cyprus Road, Nottingham	Trent Valley S.C.
69	HI BALL	G. Hayward, "Far End", Caenshill Road, Weybridge, Surrey	Egham Lake S.C.
70	WAYWARD	N. Wardle, c/o Metzler Tyre Co. Ltd., Peterborough, Northants.	Brancaster S.C.
71		T. Dearden, 9 Manor Park, Ruggington, Nottingham	Trent Valley S.C.
72	MISQUEEN	P. Mullins, 34 Whitley Avenue, Solihull, Warwickshire	Bala S.C.
73	HELLFIRE	F. P. Bowring, The Spinney, Lake Road, Tunbridge Wells, Kent	East bourne S.C.
74		F. P. Jones, Roughlee, Chapel Lane, Longton, Nr. Preston, Lancs.	
75	AQUILLA	A. J. Wilson, One Oak, Willow Drive, Chislehurst, Kent	Medway Y.C.
76	PANIC	J. J. Shepherd, 71 Pretty Gate Road, Colchester, Essex	Tollesbury S.C.
77	SUNSET STRIP	R. W. Gapper, 133 Caerleon Road, Newport, Mon.	Newport S.C.
78	FUEGO	F. N. Derrett, 74 Doncaster Road, Wyke Regis, Weymouth	
79	CALYPSO	G. Southwell, 59 Carlogie Road, Carnoustie Angus	Carnoustie Y.C.
80	SEAFIRE	R. E. Epps, "Pine Trees", North West Road, Hythe, Kent	
81	CINDERS	E. R. Rogers, 1 Bourne Close, Horndean, Hants.	Langstone S.C.
82	SALTPETA	R. Neville, 45 Hillway, Westcliffe-on-Sea, Essex	Essex Y.C.
83	TERRAPIN	Scott-Peters, Ael-y-Bryn, 108 Kiln Road, Fareham, Hants.	Lee-on-Solent S.C.
84	HORSES NECK	J. Cooper, Highfield, Curls Lane, Maidenhead, Berks.	Silver Wing S.C.
85	MIDNIGHT	B. Humphries, 4 Lancaster Place, Hounslow, Middlesex	Silver Wing S.C.
86	AURORA	P. O'Brien, 46 Castle Avenue, Clontarf, Dublin	Sutton Dinghy C.
87	ORIOLE	Dr. P. M. Pritchard, Monks Corner, Doncaster-on-Thames, Oxford	Brancaster S.C.
88		D. S. Farthing, 31 Berner's Street, Ipswich, Suffolk	Harwell S.C.
89	STRONTIEM 90	M. J. Brandon, 31 West Road, Westham, London, E.15	Waldringfield S.C.
90	METEOR	R. Frohnsdorff, 26 Tower Road, Strawberry Hill, Twickenham, Middlesex	Millbeach S.C.
91	PHFFT	E. C. Merrison, 47 Riviera Drive, Southend-on-Sea, Essex	Alexandra Y.C.
92		E. A. Pearce, Danes Court, Rectory Gardens, Doncaster	
93	GRANUAILE	Dr. Leather, 116 Green Lane, Bolton, Lancs.	Delph S.C.
94	PUSSY GALORE	C. D. Boughton, The Rectory Flat, Doddington, March, Cambs.	
95	BALLYHOO	E. Clutton, c/o Fauchon Boats Ltd., Dell Quay, Chichester, Sussex	Dell Quay S.C.
96	FIREBUG	J. Dale, 27 Mill Park Avenue, Hornchurch, Essex	
97	COBO III	Dr. C. A. Wood, Chapel Corner, Loxwood, Nr. Billingshurst, Sussex	Dell Quay S.C.
98	OTBOT	R. W. Short, 77 St. Thomas Road, Spalding, Lincs.	Welland Y.C.
99	SQUARE SPHERE	R. Chapman, Beech Road, Snettisham, Kings Lynn	Brancaster S. S.C.
100		D. G. D. Jolley, 97 Fore Street, Ipswich	

No.	Name	Owner and Address	Club
101	SIROCCO N	F. Sole, Perry Barn, Burstead Lane, Brantford, Nr. Ipswich, Suffolk	
102	HIGH NOON	J. D. Menzies, "Eden Roc", Florida Road, Ferring, Sussex	Dell Quay S.C.
103	FINESSE	D. C. S. Esse, Colt House, Burnaston, Nr. Derby	Trent Valley S.C.
104	PYROSILL	L. C. Smith, 10 Ingleborough Drive, Sprotborough, Nr. Doncaster	Beaver S.C.
105	FIERY BLISS	H. A. White, 13 Beverley Drive, Edgware, Middlesex	
106		J. Ayres, 7 Coleridge Green, Somerford, Christchurch, Hants.	Highcliffe S.C.
107	OTTSTUPH	J. C. Gage, 15 Saxilby Road, Sturton by Stow, Lincoln	Ruston S.C.
108		L. Howard, 130 Hollins Lane, Accrington, Lancs.	
111	METEOR	C. J. Eyre, Picton Dormitory, Wellington College, Crowthorne, Berks.	Salterns S.C.
112	COUNT DOWN	R. Looker, c/o Blue Dolphin Boats, Crinnis Sand, Carlyon Bay, St. Austell	New Riviera S.C.
113	SUNSPOT	R. Panter, Ridgeway House, A.E.R.E. Harwell, Didcot, Berks.	H.I.S.C.
114		B. J. Ibbotson, Sherwood, Forton Road, Newport, Salop.	Chase S.C.
116	FIRE ESCAPE	I. B. Howie, The Vallets, Whitfield, Allensmore, Hereford	Llangorse S.C.
117	HI BALL	C. J. Britton and J. Swinger, 6 Alder Close, Wamley, Sutton Coldfield, Warwickshire	Chase S.C.
118	RABE	Atlantic College, St. Donats Castle, Llantwit Major, Glam.	Atlantic C. S.C.
119	STORM PETREL	Atlantic College, St. Donats Castle, Llantwit Major, Glam.	Atlantic C. S.C.
120	ANDERIDA	D. Pullen, 178 Elm Drive Hove 4, Sussex	Brighton S.C.
121	TON UP	Mrs. Bolton, 4 First Avenue, Church, Nr. Accrington, Lancs.	East Lincs. S.C.
123		H. E. Dew, 105 Greenuave Road, Eltham, S.E.9	Gravenend S.C.
124	HOLY SCOW	R. D. Durnford, 46 The Broadway, Thorpe Bay, Essex	Maylandsea Bay Y.C.
125	SHERRY BABY	J. R. Sharpe, Derrydown, Odiham, Hants.	Bosham S.C.
126	GINA II	J. R. Hicky, 74 Heathersage Road, Lambwath Road, Hull	Hornsea and Northcliff S.C.
127	X L 5	W. J. Cox, 163 Banks Road, West Kirby, Cheshire	West Kirby S.C.
128	MOOMINTROLL	N. Smith, 102 Pottergate, Norwich, Norfolk	Hickling Broad S.C.
129	ELL SIVV	J. R. Burnett, 44 The Hides, Marlow, Essex	
130	MISSFIRE	M. C. Dennis, 37 Robins Court, Grove Park, S.E.12	Marina Y.C.
131	BEAUMONT	A. W. Talbot, 47 Beaumont Road, Cambridge	Hickling Broad S.C.
132	MOON RIVER	J. Bricknell, Highbury, 34 Glebeyards, Exminster, Nr. Exeter	Starcross Y.C.
133	VENUS	K. A. Young, 94 Prince Albert Square, Redhill, Surrey	Brighton S.C.
134	FIREBELLE	B. Hands, 18 Eaton Avenue, Rhyl	Rhyl Y.C.
135	HELIOS	J. Fletcher, 159 High Street, North Allerton, Yorks.	Hartlepool Y.C.
136	BONFIRE	R. W. Langley, 345 Upper Shoreham Road, Shoreham-by-Sea, Sussex	Sussex Y.C.
137		W. H. Ward, 3 Ferrers Road, Darley Abbey, Nr. Derby	
138	ROCK HOPPER	N. A. H. Davies, 50 Velder Avenue, Milton, Southsea, Hants.	Locks S.C.

No.	Name	Owner and Address	Club
139	AMBERJACK	F. W. M. Rex, 2 Sheepfair, Lewes, Sussex	Newhaven and Sussex S.C.
140	MERDDIN EMRYS	R. G. Shenton, 23 Ford Road, Majors Green, Solihull, Warwick	Tewkesbury S.C.
141		C. J. Bishop, Bifrows, Hall Road, Roch- ford, Essex	Alexandra Y.C.
142	KINDLE	F. A. Snooke, 34 West Street, Ventnor, Isle of Wight	
143	NUTSINMAY	K. Sumpter, Flat 15, 157 Marine Parade, Brighton, Sussex	Brighton S.C.
144	FINN MCCOUL	J. A. V. Jinman, 7 Hunter Avenue, Manby, Louth, Lancs.	Grimsby and Cleethorpes S.C.
145	ULTIMO	P. H. Prior, "Crete", Ray Mill Road, East Maidenhead, Berks.	
147	NINE TENTHS PANTON	L. Banks, 86 Main Street, Fulford, Yorks. T. A. C. Webb, 23 Heath Rise, Putney Hill, London, S.W.15	Filey S.C. Dell Quay S.C.
157	PACER	F. P. Major, 48 Filsham Road, St. Leonards on Sea, Sussex	Hastings and St. Leonards S.C.
158	CALAMITY JANE	M. J. Moore, Valkyrie, Willowhayne Avenue, Angmering-on-Sea, Sussex	Littlehampton S.C.
159		B. R. Mann, 7 Park Terrace, Tillington, Nr. Petworth, Sussex	
160		Farquharson and McNaughton, East Shore, Newburgh, Fife, Scotland	
161		H. C. Carrington, 8 Bloom Avenue, Queenborough, Leics.	Denver S.C.
162	TOMBOLA	Littlehampton Junior S.C., 91/92 South Terrace, Littlehampton	Littlehampton S.C.
163	TORTOISE	W. Larnder, Long Mead, Chaple Street, Billericay, Essex	Alexandra Y.C.
164	SANS EGAL	A. E. J. Batley, 22 Acacia Drive, Thorpe Bay, Essex	Alexandra Y.C.
165	JOHN THOMAS	M. Choppin, The Golden Lion, Prittlewell, Essex	Alexandra Y.C.
166		D. Whiteley, 2a Alexandra Road, Harro- gate, Yorks.	
167	PATIENCE	T. Middup, 58 Firs Road, Edwalton, Nottingham	Trent Valley S.C.
168	SUCU SUCU	G. C. Philp, "Carena", South Hayling, Hants.	Langstone S.C.
169	GLOBE TROTTER	C. Anderson, 22 Ulterville Gardens, Lisburn Road, Belfast	North Belfast Y.C.
173	RICOCHE	B. T. Peacop, 104 Merryhills Drive, Oakwood, Middlesex	Rushymead S.C.
174	NIMROD	B. T. Cook, 31 Elm Drive, Hove 4, Sussex	Brighton S.C.
175	NIMBUS	T. Turnbull, 93a Garden Avenue, Patcham, Brighton, Sussex	Brighton S.C.
181	LA DOLCE VITA	S. Farrow, Thorpe Hall, Haddisloe, Norwich	
182	JEN	W. Sheppard, 7 Norman Road, Hatfield, Nr. Doncaster	Beaver S.C.
183	THESSALY	R. A. Barnes, 7 S.E.W. Estate, Layer-de-la- Haye, Colchester	Tollesbury S.C.
184	WIGEON	Lt. Col. J. H. White, Army Apprentices School, Harrogate, Yorks.	Harrogate S.A.
185	COMET	A. B. Symons, 45 Oakfield Road, Clifton, Bristol 8	Bristol Avon S.C.
186	FIREBIRD	C. D. Rowe, Rose Cottage, 28 Rowhedge Road, Colchester	Tollesbury S.C.
187		C. L. Hesp, Edge Lane, Stretford, Nr. Manchester	Lowton S.C.
188		J. Brook, 21 Newark Road, Southwell	
189	JENATZY	R. B. Mason, Dell Quay House, Chichester, Sussex	Dell Quay S.C.

No.	Name	Owner and Address	Club
190	SHAMROCK	J. Barnett, Nightingale Nursing Home, Littlehampton	Littlehampton S.C.
191	FIRST LADY	J. D. G. Bennett, Glenbar, Chorley New Road, Bolton, Lancs.	Delph S.C.
192	PIPPA	J. C. Beckett, 27 Scott Lane, Doncaster	Beaver S.C.
194		J. Borthwick, 194 Priory House, St. Johns Lane, E.C.1	Brancaster S. S.C.
195	MISTRAL	D. F. Hannant, "The Gabler", Cromer Road, North Walsham, Norfolk	
196	TWIST	S. E. O. Farrow, Thorpe Hall, Haddisloe, Norwich, Norfolk	Norfolk Broads Y.C.
198	ONE SPOT	P. Undrell, 35 Holmley Bank, Dronfield, Nr. Sheffield	
199	CHERRY B	F. A. H. Neville Elliot, Home Lea, Swarks- ton Road, Chellaston, Derby	Trent Valley S.C.
200	LAZY LINDA	P. Johnson, 5 Barnton Park Avenue, Edinburgh 4	
241	P.N.P.	P. M. Giles, 7 Friars Style Road, Richmond, Surrey	Decca/Fairey S.C.
242		R. St. George, Redlands, New Century Road, Laindon, Basildon, Essex	
243	PUDDY POO	Sq. Ldr. R. Street, 3 Cornfield Road, Woodley, Nr. Reading	R.A.F. Sailing Centre
244	FUMBALL	J. Wickham, The Mill, Sheep Street, Chipping Campden, Glos.	Lymington Town S.C.
246	TAURUS	A. J. Dunseath and R. Raulinaits, 8 Brooket Way, Chigwell, Essex	Harlow S.C.
247	MIS-READ	A. D. Wadsworth, Normanton House, Normanton-on-the-Wolds, Plumtree, Notts.	Notts Co. S.C.
248		W. D. Edmondson, 6 Church Street, Alvaston, Derby	
249	CHRISTINA	P. A. Williams, 163 Kensington Road, Southend-on-Sea, Essex	Halfway Y.C.
250	YOO HOO	G. Monty, 1 Norman Court, Hampton, Middlesex	Rock Y.C.
251	SATURN	Miss J. Gibling, 40 Dunhill Point, Dilton Gardens, Roehampton, S.W.15	Egham Lake S.C.
252	SPITFIRE	C. Parsons 10 Mowden Terrace, Darlington	
253	PYROTECHNIK	P. A. Sandy, 28 Penrhyn Avenue, Walt- hamstow, E.17	Rushymead S.C.
254		Dr. Hickey, Medway Hospital, Windmill Road, Chatham, Kent	
255	BIZZY LIZZY	S. E. J. Smith, 29 King Edwards Road, Barking, Essex	Alexandra Y.C.
258	SEAMEN	D. F. Clarke, 30 Church Road, Hatfield, Peveler, Nr. Chelmsford	Tollesbury S.C.
259	BLOODY MARY	H. G. McLellan, 5a Bridge Lane, Bramhall, Cheshire	
260	JILDI	K. A. Bankheap, 9 York Road, St. Albans, Herts.	
261	VERVE	D. C. Byron, 8 Athole Gardens, Bush Hill Park, Enfield, Middlesex	Loughton A.S.C.
262		Mrs. J. Borthwick, Manor Farm, Bran- caster, Norfolk	Brancaster S. S.C.
263	CUSTOS	R. C. Trussler, Long Meadow, &ine Grove, Chichester	
264	VIVO	D. W. Pritty, 10 Cammo Brae, Edinburgh 4	
265	TENDERFOOT	R. L. Fradd, 61 Parry Drive, Alway Estate, Newport, Mon.	Newport Y.C.
267		Dr. J. Harvey, 14 Dudley Road, London, N.3	
268	JUNIPER	J. H. R. Carver, 52 Gloucester Place Mews, London, W.1	
269	OOKIE	L. E. Rodgers, The Briars, Manor Drive, Nr. Dartford, Kent	Seasalter S.C.

No.	Name	Owner and Address	Club
270	DOUBLE YOKE	P. Taplin, 50 Duncan Road, Burgh Heath, Tadworth, Surrey	Littlehampton S.A.M.C.
271	FRIDAY	S. J. Robinson, 131 Watersplash Road, Shepperton, Middlesex	
272	SPORTING SAM	A. Bayne, 22 Arlington Drive, Mapperley Park, Nottingham	Hickling Broad S.C.
273	SCORCHIN	P. G. Lufkin, 6 Whitehouse Gardens, Beccles, Suffolk	
274	RAFFLES	Littlehampton Junior S.C. (Webb), 90/91 South Terrace, Littlehampton, Sussex	Littlehampton S.C. (Junior)
275	PEGASUS	F. J. Hosgood, Roborough, Westcliffe, Dawlish	
277	MISHAP	R. S. Linton, 69 Mell Road, Tollesbury, Maldon, Essex	Tollesbury S.C.
278	GO-GO	K. S. Rose, "Point East", Brundall, Norwich, Norfolk	Are Valley S.C.
279	NAGELFAR	R. A. Chester, 14 Truro Drive, West Hartlepool, Durham	Hartlepool Y.C. Tees Y.C. Bray S.C.
280	WHITE WINGS	P. Murphy and D. Kinsella, 11 Camaderry Road, Bray, Co. Wicklow	
283	CLEVEDON COMET	G. M. Raynes, Denstone, Shelton Lane, Cradley	Chase S.C.
287	ATLANTIS	Stratton Long, Blakeney, Norfolk	
288		J. H. Kenyon, c/o Burnley Boat Club, Lowerhouse Lane, Burnley, Lancs.	
289	ALTEA	H. T. Izon, 114 Windlehurst Road, High Lane, Via Stockport, Cheshire	
293	HOTSPUR	Capt. D. B. Law, M.B.E., D.S.C., R.N., R.N. Air Station, Yeovilton, Somerset	Hamble River S.C.
294	BLACK	J. McMasters, Cedarwood, Church Road, Newtownbreda, Belfast 8	
296	THUNDERBIRD	P. Tunstall, 11 Pine Crescent, Highcliffe-on-Sea, Hants.	Highcliffe S.C.
297	PLATYPUSS	R. P. Murphy, 16 Edison Road, Chells, Stevenage New Town	
301		J. M. Jackson, Granary Garage, Main Street, Stratton, Burton-on-Trent	
302		N. W. Sampson, 130 London Road North, Lowestoft, Suffolk	
304	INFERNO	D. H. Lucas, Dilkhusa, Commons Lane, Shaldon, Devon	Shaldon S.C.
305	OL' BOOT	M. E. Tallent, 137 Kingsley Road, Milton, Portsmouth, Hants.	Locks S.C.
307	THOR	R. R. Spurling, 18 Bishops Road, Hove 4, Sussex	Sussex Y.C.
308	MIS' GIVIN	R. E. Minot, 40 Ferndale Crescent, Cowley, Uxbridge, Middlesex	Silver Wing S.C.
309		J. R. Birt, 128 Cannock Road, Stafford	
311	COMFORTER	R. K. Job, 43 Harkness Way, Hitchin, Herts.	
312	SLAP 'N' TICKLE	H. and M. Hangood, 32 Brendon Avenue, Weston-super-Mare	Weston Bay S.C.
313	DIABOLO	C. Partridge, 67 Harward Road, Solihull, Warwickshire	Chase S.C.
316	MERRY NOTE	A. R. Griggs, Tondoline, Well's Hall Road, Great Cornard, Sudbury, Suffolk	Harwich Town S.C.
317	STARDUST	J. E. Young, 32 Alderbrook Road, Wanstead, London, E.12	Loughton S.C.
318	BALI HA'I	R. Marsden, 98 St. Mathew Street, Burnley, Lancs.	E. Lancs. S.C.
320	FIRECRACKER	N. W. Poole, 57 Brisbane Street, Greenock, Renfrewshire	Royal Gourock Y.C.
321	FIZZ	K. Thompson, 45 Bell Corner, Epping, Essex	Harlow S.C.
323		D. Blackburn, 20 Shawcroft, Southport, Lancs.	

No.	Name	Owner and Address	Club
324	MATEY	B. Perry, Ashton Manor House, Carnaby Road, Broxbourne, Herts.	Rushmead S.C.
325		F. Wolfendale, 2 Davenham Close, Malvern, Worcs.	
326		J. P. Griffiths, "Bont", Benleigh, Anglesey	
329		D. Macmillan, Otterburn, Argyle Street, Rothesay, Bute	
336		F. S. Bennett, The Cottage, Forest Road, Oxtun, Newark, Notts.	
337		R. W. Stevens, 1 Firehill Villas, Hollywater, Bordon, Hants.	
338	CASCADE	B. E. Goldsmith, 21 Mary Armyne Road, Orton Longueville, Peterborough, Northants.	Peterborough Y.C.
340	CLOUDBURST	J. J. Winchcombe, 288 Kingsbury Road, Birmingham 24	Dover S.C.
341	MAH JONG	B. R. Robbins, Magaluf, Norton St. Phillip, Bath	
342		Dr. Irvine, 52 Bushey Grove Road, Bushey, Herts.	
343	COQUETTE	D. A. W. Collins, 11 Rendcomb, Nr. Cirencester, Glos.	South Cerney S.C.
344	GIGI	D. J. W. Sutherland, Studley, Terrington St. Clement, Kings Lynn, Norfolk	Brancaster S. S.C.
345		T. C. Martin, 33 Landguard, Manor Road, Shanklin, Isle of Wight	Shanklin S.C.
347	FLINGEL BUNT	D. B. Willis, Hillview, Forest Road, East Horsley, Surrey	
348	ONE MORE SHOT	C. W. Green, 225 Bury New Road, Whitefield, Lancs.	
349	SEA LINA	F. A. Phillips, 1 Rosslyn Road, Newport, Mon.	Newport S.C.
376	RED HOT	R. Richards (Miss), 146 Castle Street, Portchester, Fareham	Portchester S.C.
379	MAMA GOLDFINGER	J. Chichester, Hawthorn Cottage, Congresbury, Somerset	
380	SKOOZUS	A. R. Honey, 21 Castle Avenue, Highams Park, London, E.4	Rushmead S.C.
381	SPOOKIE TOO	C. Roskilly, 8 Trevoise Road, Walthamstow, London, E.17	Rushmead S.C.
382	WAHOO	Major K. R. Eve, 14 Wheeler's Way, Manorvier, Nr. Tenby, Pembs.	Rushmead S.C.
383	WHISKY MAC	G. Muhley, Badgers, Middle Street, Nazeing, Herts.	Rushmead S.C.
385	SEXY SUSIE	D. Johnson, Orchard Road, March, Cambridge	
386	BURN UP	A. J. Cairns, 194 Blackburn Road, Accrington	East Lancs. S. C
388		T. R. Wagg, Mountfield House, Dockin, Kings Lynn, Norfolk	
389		Dr. J. Baldwin, Queen's College, Cambridge	
390	WILD ONE	G. D. Toms, Blakedown Motor Co. Ltd., Birmingham Road, Blakedown, Nr. Kidderminster	
391	FIREWOOD	R. R. Rayner, 71 Lyndhurst Avenue, Twickenham, Middlesex	Hayling Is. S.C.
392		H. B. Long, 39 Orchard Avenue, Gravesend, Kent	Marina Y.C.
393	MISTY	A. J. Barrett, Sunnysdale, Trowse, Norwich, Norfolk	Hickling Broad S.C.
394		A. T. Snook, 38 Cherry Tree Road, Hoddesdon, Herts.	
398		J. A. Whittaker, c/o Oxford Mill Co., Harle Syke, Burnley, Lancs.	

No.	Name	Owner and Address	Club
409	PANDORA	J. R. Hodge, Cathonen, Catsash Road, Langstone, Mon.	Newport Y.C.
410	SIR JASPER	H. B. Ward, Victoria House, 15 College Square, Stokesley, Nr. Middlesbrough	Hartlepool Y.C.
411	DISCO	A. M. Clements, 58 Stag Leys, Ashtead, Surrey	Sussex M.Y.C.
412	VOLANTE BLUE TANGO	L. Gaiger, 29 Pinewood Road, Lymington, Hants.	Highcliffe S.C.
413	NEWTRON	P. J. Rose, Brookside, Stagsden Road, Bromham, Bedford	Hartlepool Y.C.
416		J. Lowther, 19/21 Broad Quay, Bristol	
417		J. C. Shore, Greythorp, West Hartlepool, County Durham	
451	CINNABAR	D. Leverton, 79 Fortunes Well, Portland, Dorset	Lowton S.C.
454	HOOLIGAN	D. G. Hodgkinson, 66 Long Fold, Maghull, Lancs.	
455	TIMSAH	C. I. Crawford, 29 Seaview Terrace, Joppa, Edinburgh	Fisherrow S.C.
456		N. O. Wall, 39 Palace View, Croydon, Surrey	
457	POINTLESS	R. Page, Roxes Farm, East Tuddenham, Norfolk	Norfolk Broad S.C.
458	LAST WHIM II	Itchenor Sailing School, Itchenor, Sussex	Trent Valley S.C.
459		P. E. Powell, Thatch Cottage, Emsworth, Hants.	
460	THE SAINT	N. Green, Flat 2, Flower Lilies, Windley, Derbyshire	Silver Wing S.C.
462	AQUANAUT	Brian Pay, 34 Waverley Avenue, Twickenham, Middlesex	
463		L. G. Wilson, 6 Bridge Street, Bishops Stortford, Herts.	Norfolk Broad Y.C.
464		G. H. Morris, 36 Kingswood Avenue, Shortlands, Bromley, Kent	
465		V. Watkins, Cartref, Carnaby Road, Broxbourne, Herts.	Trent Valley S.C.
466	MARSH-MALLOW	J. Samworth, 1 Croft Road, Edwalton, Notts.	
467		R. D. Carver, Duntisbourne, Cirencester, Glos.	Norfolk Broad Y.C.
469	PACEMAKER	L. G. Turner, 42 Hercules Road, Upper Hellesdon, Norwich	
500	MYTH	D. G. Gill, 241 Derby Road, Long Eaton, Nr. Nottingham	Trent Valley S.C.
501		R. J. Lucas, c/o City Architects, 1 Western Parade, Portsmouth, Hants.	
502		Emsworth Boats, Bath Road, Emsworth, Hants.	Delph S.C.
503	DINGBAT	G. R. Woodyear, 10 Beresford Road, Wallasey, Cheshire	
504		G. W. Howarth, "Highlands", Junction Road, Deane, Bolton	Silver Wing S.C.
505	CALYPSO	A. Uttley, 33 Meadow Way, Heston, Middlesex	
507	MISTY MORN	M. Nunn, 9 Barnes View, Sunderland, County Durham	Sunderland Y.C.
508	SUNSET	F. D. Berry, Glosthorpe Manor, Ashwicken, Kings Lynn, Norfolk	Snettisham Beach S.C.
509	ACAPULCO	D. B. Goodale, Bramley House, Watlington, Kings Lynn, Norfolk	Snettisham Beach S.C.
510	FIREBEATER	E. Harvey, Oakleigh, Lower Chase Road, Swanmore, Hants.	Fareham S. and M.B.C.
511	PORTIA	B. Sadgrove, 1 Fulwood Avenue, Hurst Green, Blackheath, Birmingham	Tewkesbury S.C.

No.	Name	Owner and Address	Club
512	CORDELIA	D. J. Edmonds, 357 Ridgacre Road, Quinton, Birmingham	Tewkesbury S.C.
513	OPHELIA	A. Jennings, 10 Alvin Close, Hurst Green, Blackheath, Birmingham	
514	JESSICA	J. B. Smith, 4 Fulwood Avenue, Horst Green, Blackheath, Birmingham	Tewkesbury S.C.
515	DESDEMONA	P. Bayliss, 4 Willow Close, West Hagley, Worcester	Tewkesbury S.C.
516	CRESSILDA	G. Barson, 48 Northway, Segeley, Dudley, Worcs.	
517	TYZER	J. C. Shore, 26 Trowbridge Avenue, Kilbarchan, Renfrewshire	Hayling Is. S.C.
518	SENORITA	Jack Frampton, 11 Greenfield Avenue, Surbiton, Surrey	
519	BLAZEAWAY	M. Collier, 18 Dixon Road, Sprowston, Norwich	Ayr Y.C.
520	JABF	N. Stone, 4a Bridge Street, Ayr, Ayrshire, Scotland	
521	TUT TUT	J. J. Stark, 3 Wiremill Lane, New Chapel, Lingfield, Surrey	Snettisham Beach S.C.
522	DUEL	Jack Norris, 1 Ingoldsby Avenue, Ingles-thorpe, Kings Lynn	
523	JAZZ	A. H. Vowden, 6 Tamar Avenue, Shiphay, Torquay	Babbacombe Corinthian S.C.
524		D. Goodman, 13 Victoria Drive, N. Hykeham, Lincoln	
525		Halecraft Ltd., Moss Lane, Alderley Edge, Cheshire	Bala S.C.
526	ARDENT LUFFER	A. F. Bond, 20 Bryn Estyn Road, Wrexham, Denbighshire	
534	COOKA-BEE	P. Power, 49 Curtis Road, Hornchurch, Essex	Marconi S.C.
535		J. R. Harris, 12 Oak Close, Model Farm Estate, Hull Bridge Road, Beverley, Yorks.	Fareham S. and M.B.C.
536	PHOBOS	R. Hatcher, 2 Newgate Lane, Fareham, Hants.	
537		D. and R. Allman, 363 Unthank Road, Norwich	Snettisham Beach S.C.
538		Katesgrove School, Dorothy Street, Reading, Berks.	
540	FOXTROT	G. M. Fox, Hill Side, Snettisham, Kings Lynn, Norfolk	Rushymead S.C.
541		F. A. Radford, 9 Cadewell Crescent, Shiphay, Torquay	
542	THUNDA	R. Sturman, "Windward", New Road, Hethersett, Norwich	Snettisham Beach S.C.
543		J. Coughlan, 4 Fotheringham Road, Enfield, Middlesex	
544	WRATH	R. Chapman, Orchard Grove, West Lynn, Norfolk	Dell Quay S.C.
545	QUERY	R. Fauchon, c/o Fauchon Boats, Dell Quay, Chichester, Sussex	
546	SPLASH	E. G. Wilkinson, The Green, Cranswick, Driffield, E. Yorks.	Filey S.C.
547	SEAMU	A. Collins, Francis House, W. Winch, Kings Lynn, Norfolk	Snettisham Beach S.C.
548	TRUE LUFF	D. J. Whitmore, St. Goodwins Road, Kings Lynn, Norfolk	Snettisham Beach S.C.
549	WHIMBREL	Lt. Col. G. H. White, Army Apprentices School, Harrogate, Yorkshire	Harrogate Group A.S.A.
550		M. Waldron, Wollaston, Nr. Stourbridge, Worcester	Itchenor S.C.
551	LUSIKISIKI	Major Rudd, The Old Parsonage, Stoughton, Chichester, Sussex	

No.	Name	Owner and Address	Club
702		R. Maflin, 47 St. Swithins Road, Tankerton, Whitstable, Kent	Seasalter S.C.
703		M. Perez, 104 Portmalls Road, Coulsdon, Surrey	
704	HOT STUFF	M. Dixon, 3 Milton Road, Whalley, Nr. Blackburn, Lancs.	
706	FABIOLA	E. T. Efford, 20 Marlow Grove, Peterborough, Northants.	Snettisham Beach S.C.
731	RINKI DINK	R. W. Stevens, 1 Firhill Villas, Hollywater, Borden, Hants.	Stokes Bay S.C.
732	DALEK	D. Leggett, Glendower House, Stoke Road, Cobham, Surrey	Dell Quay S.C.
733		R. Burdett, 7 Tilesford Park, Pershaw, Warks.	
734	REDFYRE OIL FIRED	J. W. Dakin, "Snaefall", Welley Road, Wraysbury, Bucks.	Silver Wing S.C.
737		S. Callaway, Shanklin, Welley Road, Wraysbury, Bucks.	Silver Wing S.C.
738		D. Lewis, The House, Cottingham Avenue, Horsham, Sussex	
739		A. W. Faulkner, The Old Rectory, North Burlingham, Norfolk	
740	SCOW-PATTY	A. G. Bryant, 18 Halliford Road, Sunbury-on-Thames, Middlesex	
741	THERMO-DYNAMIX	E. D. Crook, 131 Whitehall Road, Woodford Green, Essex	Maylandsea Bay Y.C.
743	EL GAMBERO	D. L. Bairstow, Ballacrye, Ballaugh, Isle of Man	Manx S.C.
755		A. Thorogood, 43 Aragon Avenue, Thames Ditton, Surrey	B.M.Y.C.
756		D. Aldous, 43 Aragon Avenue, Thames Ditton, Surrey	B.M.Y.C.
757	FLIP SIDE	P. Bond, The Cottage, Quay Lane, Hanley Castle, Worcs.	Tewkesbury S.C.
758	MISCHIEF	G. G. Livesey, 15 Elloughton Road, Brough, Yorks.	
759	LUMBERJACK	E. M. Beddows, 59 Princess Gardens, Codsall, Staffs.	
762		I. W. Keeling, 43 Lambourne Road, Birstall, Leics.	
763	ALLICAT	D. McMillan, 256 Singlewell Road, Gravesend, Kent	Gravesend S.C.
764	LOKI	R. G. Hunt, 2 Merleswen, Dunholm, Lincoln	Rushton S.C.
765		K. H. C. Cockrell, 24 Quantock Close, Rushmere, Ipswich	
766		L. Sutherland, Staithe Farm, Brancaster Staithe, Kings Lynn	Brancaster Staithe S.C.
770	PHWRRGH	Mr. Everington, c/o Warco Ltd., Burton Street, Peterborough	B.S. S.C. and Peterborough Y.C.
771	MACRE	Mr. Rowley, c/o Warco Ltd., Burton Street, Peterborough	B.S. S.C. and Peterborough Y.C.
772	TINTO	W. J. Wardle, c/o Warco Ltd., Burton Street, Peterborough	
773	GEMINI	L. Driscoll, 31 Riverdale Gardens, Twickenham, Middlesex	
774		M. McDowd, 108 Southleigh Road, Havant, Hants.	
775		W. Atkinson, 65 Lytham Road, Southport, Lancs.	
776	FRED NERKS	R. W. Lewis, 94 Southend Arterial Road, Gidea Park, Romford, Essex	Loughton S.C.
777	POGGI	M. Wetherill, 12 Albain Crescent, Ashford, Middlesex	Silver Wing S.C.

No.	Name	Owner and Address	Club
778		D. C. S. Esse, Colt House, Burnaston, Derby	
779		C. R. W. Fleet, 90 Sleaford Road, Boston, Lincs.	
780		J. Harris, R/O 149 St. Marychurch Road, Torquay, Devon	
781	G.T.O.	R. G. Brown, 88 Woodlands Road, Isleworth, Middlesex	Silver Wing S.C.
782	RUKN DIN	L. C. Dinneen, 72 Whitton Dene, Hounslow, Middlesex	
783	YING-TONG	A. K. Chiles, Bridge House, Chobham Road, Woking, Surrey	
784		D. H. Garrard, 34 London Road, Luton, Beds.	
785		P. J. Benson, 1 Manor Park, Ruddington, Nottingham	Trent Valley S.C.
786		P. G. Cutbill, 54 Eastwick Road, Burwood Park, Walton-on-Thames	Littleton S.C.
787		F. J. Evans, 152 New Haw Road, Addlestone, Surrey	
788		S. L. Symonds, Brook House, Harley Road, Condoval, Nr. Shrewsbury	
789		V. Simons, Sarnia, 14 Arthers Road, Shanklin, I.O.W.	
790		B. Charlwood, Cedar Lodge, Lyminge, Folkestone, Kent	
791		R. Perry, Monks Ferry Works, 90 Church Street, Birkenhead	
792		E. Carr, 8 Roxborough Avenue, Harrow, Middlesex	
793		S. P. Bell, 31 Hamilton Drive, Haroldwood, Essex	Steeple Bay B.C.
794		A. Edwards, 13 Norman Road, Hornchurch, Essex	Steeple Bay B.C.
795		H. Quinn, 54 Byron Way, Romford, Essex	Steeple Bay B.C.
796		M. Wale, 33 Windsor Avenue, Grays, Essex	Steeple Bay B.C.
797		D. C. Johnson, 69A Albert Road, Handsworth, Birmingham	
798		M. Thurgar, 75 Heathcroft Avenue, Sunbury-on-Thames, Middlesex	Littleton S.C.
799		D. Foster, 44 Maylands Road, Bedhampton, Hants.	
800		J. Pilsworth, "Wilma" Green Lane, Scawthorpe, Doncaster	Beaver S.C.
901		M. D. Bishop, 87c Stanmer Park Road, Brighton 6	Brighton S.C.
902		W. J. Kempner, 233 Goldhurst Terrace, N.W.6	
903		G. D. Jameson, Tarn House, 12 Southend Avenue, Darlington	
904		R. North, The Orchards, Nicholson Road, Healing, Grimsby	
905		Lt. Cmdr. H. N. S. Turner, 38 St. Mary's Gardens, Chatham, Kent	
906		S. Schrier, Castle Trading Estate, Portchester, Hants.	
907		Lucien G. Preuss, Feldegstr. 74, Zurich	
908		R. E. Fordham, 9 Lytton Avenue, Letchworth, Herts.	
909		A. J. Cork, Yellands Roman Road, Mountnessing, Essex	Hickling Broad S.C.
910		J. F. Farrer, 23 Meadowway, Hitchin, Herts.	Hickling Broad S.C.
911		J. H. Bailey, Buttertubs, Waterford Lane, Cherry Willingham, Lincoln	Ruston S.C.

No.	Name	Owner and Address	Club
912		R. D. Adams, 4 Jacob Close, Margate, Kent	
913		N. P. Deane, 39 Thornden, Cowfold, Horsham, Sussex	
914		J. G. Downham, 20 Penrhoy Avenue, Old Colwyn, Denbighshire	
915		C. R. Jenkins, 57 Pendyffryn Road, Rhyl, Flintshire	Rhyl Y.C.
916		E. G. Keys, 15 Church Road, Wimbledon, S.W.19	
917		Fireball Association	
918		Fireball Association	
919		Fireball Association	
920		Fireball Association	

FRANCE

No.	Name	Owner and Address	Club
201	GRANTARIN	Dr. G. Brothier, 3 rue de l'Intendance d'Auvergne, Riom (P. de D.)	S.N. Neuvic d'Ussel
202		P. Lafont, Lotissement Félide, Rte. de Cermont, Riom (P. de D.)	Y.C. Vichy
203		J. Barbanceys, Neuvic d'Ussel (Corrèze)	S.N. Neuvic d'Ussel
204		M. Vignaux, 29 rue G. Clémenceau, Fontenay le Comte (Vendée)	C.V. Mervent
205	VOUL-TAN	Dr. Le Coutour, 36 rue d'Estienne d'Orves, Fontenay aux roses (Seine)	C.V. Port Manech
206	DOLCE-VITA	D. Oudin, 14 bis rue de la Paix, Vincennes (Seine)	C.S. Carlesien
207		Beurive, 17 rue Stalingrad, Versailles, Seine	
208		Fritsch, 46 rue de la République, St-Germain en Laye S. and O.)	
209		Lepers, 36 rue Choquel, Tourcoing (Nord)	
210		J. L. Simon, 22 rue D. Casanova, Maisons, Alfort (Seine)	S.N. Neuvic d'Ussel
211		Gres, 28 rue de Franqueville, Paris (16°)	
212		J. P. et M. Finet, Ecole de garçons, Neuville sur Orge (S. and O.)	G.C.U. Neuvic
213		D. et E. Berger, 67 rue La Fontaine, Paris (16°)	S.R. Royan
214		Laval, 10 rue du Dr. Finlay, Paris (XV°)	
215		J. Ricard, 17 Place Lagnel, Noves (B. du R.)	C.N. Istres
216	SEA-CAT	Grimm, 24 rue Jeanne d'Arc, St. Mande (Seine)	C.N. Touquet
217		Duet, 9 Av. de la Porte de Vincennes, Paris (XX°)	C.S. Carlesien
218		Bou langer, 8 rue de Verdun, Champigny (Seine)	
219		Vallier, 10 route de Narbonne, St.-Martin le Vinous (Isère)	
220		Bost, 1 rue Frederic Bastiat, Paris (VIII°)	
221		Botti, 19 rue des Fèves, Auray (Morbihan)	
222		P. Collin, 46 rue Allix, Sens (Yonne)	C.V. Sens
223		Tapie-Carraze, Pharmacie des 5 cantons, Anglet (B. Pyrénées)	
224		Tellier, 22 rue des Acacias, Paris (XVII°)	

No.	Name	Owner and Address	Club
225		P. Berger, 42 rue Paul Feval, St.-Brieuc (C. du N.)	Y.C. St. Lunaire
226		J. Chesneau, 144 rue Bertiniere, Le Mans (Sarthe)	
227		De Bodard, 1 rue de Prony, Paris (17°)	
228		Harmel, 22 Bd de Reuilly, Paris (12°)	C.S. Charly sur Marne
229		R. Gaillard, 121 rue Nationale, Villefranche sur Saône (Rhône)	
230		G. Pelletier, Essertenne par Perreuil (Saône et Loire)	Y.C. Creusot
232		E. Andre, Au Lingot d'Or, 83 rue de la République, Pontarlier (Doubs)	C.V. Malbuisson
233		Obadia, 1 bis Cours Jouin Bouchard, St.-Etienne (Loire)	
235		Reverse, 6 rue Obeuf, Meudon (S. and O.)	
236		Kienlen à Voué (Aube)	Y.C. du Der
237		F. Godefroy, 71 rue Fondary, Paris (XV°)	C.N. Glénans
238		M. Bernard, 15 rue d'Athenes à Tunis	S.R. Douarnenez (TUNISIA)
239		H. Vervin, 2 rue Jeanne d'Arc, Genevilliers (Seine)	C.S. Carlesien
351		C. Marceau, 5 rue Pauphile, Tulle (Corrèze)	S.N. Neuvic d'Ussel
352		R. Baigue, 6 rue de l'Abbe Derry, Issy-les-Moulineaux (Seine)	C.V. Vaux sur Seine
353		Loutz, 40 rue Villiers de l'Isle Adam, Paris (XX°)	C.N. Bourgogne
354		G. Raffin, 23 rue P.V. Couturier, St.-Pierre des Corps (I. and L.)	
355		Chaudière à Treize, Septiers (Vendée)	
356	FOLLE CRINIÈRE	Dr. P. Cibie, 7 Cours Sablon, Clermont-Fd. (P. de D.)	Y.C. Vichy
357		Baud, S.A.M.A., Morzine (Hte-Savoie)	
358		Bingert, 46 rue Nationale, Forbach (Moselle)	
359		Bontoux, Placage Bontoux, Vitry le François (Marne)	
360		Prevec, Avenue de la République, Bois le Roi (S. and M.)	
361		E. Grasset, 10 Av. P. Grasset, Montpellier (Hérault)	
362		Delhumeau, pedologue Orstom B.P. 3103, Libreville (Gabon)	GABOON
363		Piacenza, 24 Chemin des Vignes, Les Clayes s/Bois (S. and O.)	C.V. Vaux sur Seine
364		Beudin, 12 Impasse de l'Industrie, Asnières (Seine)	
365		H. Khune à Bousignies, s/Roc par Consolre (Nord)	
366		Vormese, 3 rue Clairant, Paris (XVII°)	C.S. Carlesien
367		Letellier, 37 rue Tarbe des Sablons, Eaubonne (S. and O.)	
368		S. Sordoillet, 3 rue de Sfax, Paris (XVI°)	
369		S. Sordoillet 3 rue de Sfax, Paris (XVII°)	
370		Wolfen et Fabri, Ennery (Moselle)	
371		B. Mellac, 15 rue de la Franchise à Bordeaux (Gironde)	
372		J. Narcy, 7 rue La Fontaine, Antony (Seine)	
373		Bordet, 26 rue Edouard Laferrière, Sèvres (S. and O.)	
375		Dr. Nicolini, 6 Boulevard du Maréchal Foch, Toulon (Var)	
470	BELGIQUE	Draps, 16 rue Haberman, Bruxelles 7 (Belgique) (a paye royauté a votre association)	

No.	Name	Owner and Address	Club
471		Dr. E. Provost, 13 rue Fr. Marescot, Caen (Calvados)	S.R. Caen-Ouistreham
472		Jassaud, Centre de jeunes, Rue Armand Marie, Caen (Calvados)	S.R. Caen-Ouistreham
473		Jassaud, Centre de jeunes, Rue Armand Marie, Caen (Calvados)	S.R. Caen-Ouistreham
474		Jassaud, Centre de jeunes, Rue Armand Marie, Caen (Calvados)	S.R. Caen-Ouistreham
475	THEO	F. Mallet, 1 rue Drapes, Sens (Yonne)	C.V. Sens
476		Melle F. Peltier, 7 rue Clouzart, St. Clement (Yonne)	C.V. Sens
477		J. C. Van Mechelen, Bd A. Briand, Bat. B 48, Sens (Yonne)	C.V. Sens
478		R. Fuziol, 87 rue de la Republique, Sens (Yonne)	C.V. Sens
479		L. Batteux, 51 rue Rene Guillouzan, St.-Nazaire (L.A.)	
480		A. Edouard, 30 rue Villebois-Mareuil, St.-Nazaire (L.A.)	
481		Sifflet, Pharmacien, St.-Joseph (Martinique) France	MARTINIQUE
482		Fortin, 12 Boulevard du Nord, Tinchebray (Orne)	Y.C. Granville
483		G. Moreau, Garage Renault, Vitteaux (Cote d'Or)	
484		Gey, dentiste, Chinon (I. and L.)	
485		Mauzy, 37 rue Cortambert, Paris (XVI ^e)	
486	X	(Voile livree par Sibma, Nom inconnu)	
487	X	(Voile livree par Sibma, Nom inconnu)	
488		Bourillon, 5 rue Victor-Hugo, Deuil-la-Barre (S. and O.)	
489		Mouchet, 29 rue de Noailles, Versailles (S. and O.)	
490		Portman, 226 Boulevard St.-Germain, Paris 7 ^e	
491		Ducret, Impasse de la Sabliere, Dijon (Cote d'Or)	
492		Herve, 33 Allee des Amethystes, Labaule (L.A.)	
493		France	
494		Hoor, rue de la Metropole, Embrun (Htes-Alpes)	
495		Queyrat, 212 rue du 4 Aout, Villeurbanne (Rhône)	
496		G. Bizouard, 19 rue Henri Cheneaux, Marseille (8 ^e)	
497		Lhopiteau, 27 rue du Vernet, Vichy (Allier)	Y.C. Vichy
498		J. Brezun, St.-Gervais par Magny en Vexin (S. and O.)	
499		F. Touchebeuf, Conseiller Agricole a Maurs (Cantal)	Cantales Club
661		Dr. Lesage, 12 Cite des Aubepines, Persigny-les-Dijon (C.O.)	
662	FARIBOLLE	P. and D. Briand, 13 rue de la Princesse, Louveciennes (S. and O.)	S.V. Vaux Y.C. Port Manech
663		Pottier, 64 rue Thiers, Combs la Ville (S. and M.)	S.N. Aeroport de Paris
664	CHAZELLE	Lecrit, 28 Ave. P. V. Couturier, Villeneuve le Roi (S. and O.)	C.Y.V. St. Mammes
665		Lebrun, 25 R. de la Ferme, Neuilly (Seine)	
666		Lesage, 37 Rue de l'Ile, Dijon (C.O.)	
667		S.I.B.M.A., Chemin de Poissy, Villennes (S. and O.)	
668		S.I.B.M.A., Chemin de Poissy, Villennes (S. and O.)	
669		S.I.B.M.A., Chemin de Poissy, Villennes (S. and O.)	

No.	Name	Owner and Address	Club
670		R. Boizel 14 Rue de Bernon, Epernay (Marne)	C.V. Champagne and Ardennes
671		De Prund, 157 bd. de Petit Change, Perivieux (Dordogne)	S.N. Neuvic
672		M. Lavaur, Neuvic d'Ussel (Correze)	S.N. Neuvic
673		A. Boydrion, 35 R. de Lyon, Brest (N. Finistere)	
674		Lecrit, 28 Ave. P. V. Couturier, Villeneuve le Roi (S. and O.)	C.Y.V. St Mammes
676		D. Oudin, 14 bis rue de la Paix, Vincennes (Seine)	
677		B. Froger, à L'Aigle (Orne)	
678		A. Besson, 75 Boulevard Michelet, Hardricourt (S. and O.)	
679		J. Denarcy, 2 rue Eugène Haynaut, Bethune (P. de C.)	
680		C. Viala, 34 Av. St. Lazare, Montpellier (Herauld)	
681		E. Boucaux, 13 rue de la Coutellerie, Pontoise, (S. and O.)	
682		Heilbronn, 80 rue St. Dominique, Paris 7 ^{eme}	
683		Baborit, La Prince, Rte de Nantes, St. Jean de Boiseau (L.A.)	
684		Desmarez, 26 Av. F. Roosevelt, Maubeuge (Nord)	
685		Grandmanche, 19 rue Fontaine de Rome, Lons-le-Saunier (Jura)	
881		Bonnefoy, 3 rue Croisier, Riom (P. de D.)	
882		Cavernes, rue sous Grancher, Gueret (Creuse)	
883		Villechalanne, Grande Rue, Gueret (Creuse)	
884		Acis, 57 Av. Alfred Belmontet, St. Cloud (S. and O.)	
885		Bancher, 8 Hameau Michel-Ange, Paris 16 ^{eme}	
887		Magdo, 9 et 11 rue de Sevres, Boulogne (Seine)	
888		Cauzot, 41 rue Bronzac, L'Hay-les-Roses (S. and O.)	
889		Bernardin, 8 rue du 11 Novembre, Clichy (Seine)	
890		Neveu, 26 Avenue de Parthenay, Courbevoie (Seine)	
891		Risler, QR rue De Lattre, Belfort	
892		Gastinel, Aviculteur, Gennes-sur-Seiche (Ile et Vilaine)	
893		Eve, 71 Avenue de Roule, Neuilly (Seine)	
894		Gau, 93 Avenue Foch, Mazamet (Tarn)	
895		Belzit, 4 Place de la Fontaine, Montferrand (Aude)	
896		Dr. Clayeux, à Saint-Pourcain sur Sioule (Allier)	
897		Letertre, 15 rue Rene Marcel, Rennes (I. and V.)	
898		Malochet, 4 rue St. Dominique, Clermont-Ferrand (P. de D.)	
899		Bergougnan, 34 rue Gay-Lussac, Paris	
900		M. Genevaux, 131 Av. de l'Eygala, La Tronche (Isère)	
921		J. Palmer, rue d'Helvétie, Pont de Roide (Doubs)	
922		L. Grelet, Av. de la Gare, Coulonges-sur-l'Autize (2 Sèvres)	

No.	Name	Owner and Address	Club
923		J. C. Mesnard, 191 rue des Marins, Châteauroux (Indre)	
924		R. Zenners, Erpeldange (Ettelbruck) Gd. Duché de Luxembourg	
925		Join-Lambert, 4 Avenue Alphonse 13, Paris 16eme	
926		P. Sibille, 48 rue de Margnolles, Caluire (Rhône)	
927		A. Corbel, rue Jules Guesde, Lorient (Morbihan)	
928		G. Lavollée, Représentant à Mezilles (Yonne)	
929		Fortier-Beaulieu, 11 rue Bourgneuf, Roanne (Loire)	
930		R. Pichot, rue Pasteur, St. Jean-les-Deux-Jumeaux (S. and M.)	
931		French Fireball Association	
932		French Fireball Association	
933		French Fireball Association	
934		French Fireball Association	
935		French Fireball Association	
936		French Fireball Association	
937		French Fireball Association	
938		French Fireball Association	
939		French Fireball Association	
940		French Fireball Association	
941		French Fireball Association	
942		French Fireball Association	
943		French Fireball Association	
944		French Fireball Association	
945		French Fireball Association	

IRELAND

No.	Name	Owner and Address	Club
38	KON TIKI VI	R. Dickson, Carrick Brack Road, Sutton, Dublin	Sutton Dinghy Club
50	FIREWATER	E. D. Kay, Gordon Lodge, Sutton, Co. Dublin	Sutton Dinghy Club
109	BETSY	P. Gilmour, 84 Brookwood Avenue, Killester, Dublin	Sutton Dinghy Club
110	BLUE FLASH	K. Murray, 73 Collins Avenue, Whitehall, Dublin	Sutton Dinghy Club
115	SIREN BALL	W. I. Baird, Kilcorney, Strand Road, Sutton, Dublin	Sutton Dinghy Club
146	TITAN	D. Orr, 41 Sion Hill Road, Drumeondra, Dublin 9	Skerries S.C. Sutton D.C.
148	TURTLE	T. Taylor, 27 Kincora Avenue, Clontarf, Dublin	Sutton Dinghy Club
149	SHELDRAKE	N. Conn, 4 La Vista Avenue, Sutton, County Dublin	Sutton Dinghy Club
150	NEFERTITI	B. O'Neill, Ballynoe, Burrow Road, Howth, Dublin	Sutton Dinghy Club
154	MONAVEEN	G. Galbraith, c/o Huet Motors, Mount Street, Dublin	Skerries S.C.

No.	Name	Owner and Address	Club
155	STAR FLIGHT	R. Hogg, 4 Gordon Terrace, Richmond Hill, Cork	Kinsale Y.C.
170	VOO-DOO	A. Gallagher, Otley, Blackbanks, Raheny, Dublin	Sutton Dinghy Club
171	DRIPDRI	B. Galtan, Heather Lodge, Sutton, Dublin	Sutton D.C.
172	SAILAWAY	Capt. M. C. Walsh, 73 Kilbarrack Road, Sutton, Dublin	Sutton Dinghy Club
193	FLAMECREST	G. Crocker, Minard, Dublin Road, Sutton, County Dublin	Sutton Dinghy Club
197	MINGIES	D. Sheahan, St. Fintans Road, Sutton, County Dublin	Sutton Dinghy Club
245	HOT DOG	B. Mathews, 32 Baldoyle Road, Sutton, County Dublin	Sutton Dinghy Club
281		E. W. Briggs, 27 Belmont Gardens, Bonny Brook, Dublin	Sutton Dinghy Club
291	MERRY WEATHER	F. S. Fleming, Redgate, Mount Gorry, Swords, County Dublin	Sutton Dinghy Club
306	CARMEN	D. Lonergan, 2 North Circular Road, Dublin 7	Sutton Dinghy Club
578	YVONNE	B. Tucker, 2 Mobhi Road, Glasnerin, Dublin	Sutton Dinghy Club
594	SCILLA	M. J. McInerney, 151 Ballymon Road, Glasnerin, Dublin	Sutton Dinghy Club
761	AKU-AKU	Roy Dickson, 131 Carrickbrack Road, Sutton, Dublin	Sutton Dinghy Club
842		J. Petch, Seaview Farm, Kilbritton, Co. Cork	

SWITZERLAND

No.	Name	Owner and Address	Club
151		Rene Rochat, Cologny Geneva, Switzerland	Corde de la Voile
152		Chas. Muren Bild, 9 de Vadel 9, Plan Les Quates, Geneva	Yacht Club de Geneva
153		Francois Klaye, Foule 21, le loue N.E., Switzerland	
234		L. Preuss, Feldegstr. 74, Zurich, Switzerland	
284		Claude Fulleman, Delices 10, Geneva, Switzerland	
387		C. Sturn, c/o Sunimport Zurich, Postfach 2993, Zurich 23, Switzerland	
399		Swiss Fireball Association	
400		Swiss Fireball Association	
561		H. Rusterholz, Mielenbach, Switzerland	St. Moritz Y.C.
562		K. Locher, Ziegelhofen 57, Basel, Switzerland	Hallwil Y.C.
563		F. Roth, Hunibach, Switzerland	Thun Y.C.
564		H. Schmid, Electronika A.G., Baar Z6, Switzerland	
565		V. Thalsky, Electronika 6, Baar Z6, Switzerland	
580		Swiss Fireball Association	
585		M. Zaugg, Clarindenstr. 23, Dubendorf, Cologny, Geneva	Walensee S.C.
862		Swiss Fireball Association	
863		Swiss Fireball Association	

GERMANY

No.	Name	Owner and Address	Club
256	SEAGULL	Wermen Stagdmann, Hognageleck 7, 2000 Hamburg, Billstedt, Germany	S.K.O.
257		K. H. Hermann Preusse, 2000 Hamburge Blankenese, Postfach 615, Germany	S.T.S.
282		C. Mansfield, P.O. Box 592, 66-Saarbrücken, Germany	
314		Helmut Vollberg, Greisheimer, Stadtweg 68, Frankfurt/Main, Greisheimer, Germany	F.Y.C.
315		Heinz Muller, 22 Schwenningen/N, Ecknerstr., Germany	
384		Norddeutsche Yacht Agentur, Karl Hermann Preusse, c/o Nord. Y.A.	W.B.S.
402		Fritz Kohler, 8923-Lechbruck-Gründel	
403		Horst Schoenberger, Ebertstr. 2, Karlsruhe	
404		Friedrich Ratte, Markusplatz 20, 5-Koeln-Raderthal	W.B.S.
405		Peter Tiepelman, 282 Bremen-st. Magnus, Mahlstedtstr.	
406		German Fireball Association	
590		Friedel Schoen, Schreiberstrasse 18, Offenbach, Main, Germany	
754		Dr. M. Spaeth, Unterer Graben 5, Bad-Mergentheim	
767		Dieter Fischer, Twedter Berg, 1 Flensberg	
841		Gerhard Mayer, Stutteart, Wilhelmst 4	
843		Wolfram Hauser, Munchen 45, Bocksborn Str. 23	

BELGIUM

No.	Name	Owner and Address	Club
231		J. Lehouck, 47 Rue Madeleine, St. Andreas Bruges, Belgium	
300	ALTER EGO	Jean Janssens de Bisthoven, 101 Rue des Annonciades, Bruges	Royal Bruges Y.C.
310		J. Beernaert, 63 Rue d'Ypres, Menin, Belgium	
374		M. Houbeau, 33 Rue Horo Chateau, Liege	
418		J. Janssens de Bisthoven, 101 Rue des Annonciades, Bruges, Belgium	Royal Bruges Y.C.
470	FIRESHARK	H. Draps, 16 Rue Haberman, Bruxelles 7, Belgium	Donkse Zeil Club (Zeile)
602		H. Fabry, 116 Rue Solvay, Grivegnée	C.N. de Vise
603		M. and Mme Lefebvre, 80 Av. Brillat Savarin, Bruxelles	
604		J.I.B., Bruges	
605		P. Gros Lambert, 56 Rue de Maestricht, Vise	C.N. de Vise
606		M. Sambree, 54 Rue de L'Eglise, Rixensart	
607		Belgian Fireball Association	
624		J. Beernaert, 63 Rue d'Ypres, Menin, Belgium	Y.C. de Nieuport
811		J. Jonge, Brussebaan 86, Esembodegan	
812		L. de Ridden, Vaarstigheidstraad 67, Aalst	
813		G. de Neve, Gentse Steensveg 137, Aalst	
886		De Marneffe, 38 Ave. de Saturne, Bruxelles 18	

CANADA

No.	Name	Owner and Address	Club
322	ST. ELMO	R. McIntyre, 15 Eastbourne Avenue, Toronto 7, Ontario, Canada	Lake Simcoe
327		R. A. Fisher, 7 Elizabeth Street, Apt. 607, Port Credit, Ontario, Canada	
328	KAMIKAZE	Mrs. Bergstrom, P.O. Box 22, Lachine, Quebec, Canada	
377	TAHU II	A. Harrison, 3788 Marine Place, Victoria, B.C., Canada	Royal Victoria Y.C.
378		R. L. Sargent, 3909 Bedford Road, Victoria, B.C., Canada	Royal Victoria Y.C.
395	LADY LOU	F. Reinische, 475 Scotia Street, West Kildonan, Manitoba, Canada	
396	CLÖE	John Reinisch, Lot 32, West St. Paul, Manitoba	
397	BOO BOO	F. Carter, 963 Calrossie Blvd., Winnipeg 19, Manitoba, Canada	
401		Max Desmarais, 14 Roslin Crescent, Winnipeg B, Manitoba, Canada	
407		R. Kopperson, 2991 Baynes Road, Victoria, B.C., Canada	
408	SILHOUETTE	D. Fleming, 8203 10th Street S.W., Calgary, Alberta	Glenmore Y.C.
431	MAHANA	F. Prebble, 119 Garden Crescent S.W., Calgary, Alberta	Glenmore Y.C.
432		R. Robinson, 1115, 9th Street S.E., Calgary, Alberta	Glenmore Y.C.
433		L. Kelley, 1115, 9th Street S.E., Calgary, Alberta	
434	BULLFINCH	W. E. Finch, 3728 35th Avenue S.W., Calgary, Alberta, Canada	Glenmore Y.C.
435	JANET	T. Sorenson, 320, 1624-16th Avenue S.W., Calgary, Alberta	Glenmore Y.C.
436	FIREGLOW	A. Herbert, 1425-41st Street S.W., Calgary, Alberta	Glenmore Y.C.
437	FLEETWIND	G. and M. Herbert, 1425 41st Street S.W., Calgary, Alberta	Glenmore Y.C.
438	XL-5	C. F. Kelly, 4915 21st Street S.W., Calgary, Alberta	Glenmore Y.C.
439	CHYNDA	C. Brarens, 2428 South Avenue S.W., Calgary, Alberta	
440		Dr. Turner, 10830 Jasper Avenue, Edmonton	
441		D. Cole, 4758-56th St., Red Deer, Alberta	
442		Dan Sorochoan, 111215-92nd St., Edmonton	
443		Rudy Swab, 2012A-51st Ave., S.W., Calgary	Glenmore Y.C.
444		S. Barlass, 3435-62nd Ave. S.W., Calgary	Glenmore Y.C.
445		W. E. Howlett, 1925-45th Ave. S.W., Calgary	Glenmore Y.C.
446	FLIPPER	Harry O. Lever, 41 Haddock Road S.W., Calgary	Glenmore Y.C.
447		R. C. Meyer, 4608 Charleswood Drive N.W., Calgary	
448		Jim Browning, 1128 Lansdowne Ave. S.W., Calgary	Glenmore Y.C.
449	COQUETA	Karl Gall, 159 Galbraith Drive S.W., Calgary	Glenmore Y.C.
450	FUEGO	Jack Baker, 33 Fraser Rd. S.E., Calgary	Glenmore Y.C.
461		D. Harrison, 3788 Waring Place, Victoria, B.C., Canada	R. Victoria Y.C.
721	NICE ODDS	Gene Swain, 7828-5th St. S.W., Calgary	Glenmore Y.C.
722	FÜGEL	Ken Bosma, 48 Haddock Rd. S.W., Calgary	Glenmore Y.C.
723	WINDWARD	Hank Latinga, 2308 Lagrville Drive S.W., Calgary	Glenmore Y.C.

No.	Name	Owner and Address	Club
724	PENANG	Wolfe Singer, 2410 Sherwood Rd., Niagara Falls, Ontario	
725	WILDFIRE	R. J. Walton, 154 Oak St., Winnipeg 19, Manitoba	
726	HAWK	C. Wissmar, 170 Slater St., Winnipeg, Manitoba	
727	ALCAZAR	W. J. G. Moore, Suite 6, 883 Grosvenor, Winnipeg	
728	WINK III	Geo. Aitken, 303-33 Kennedy St., Winnipeg	
729	MERRIWEGHER	David Aitken, 267 Montrose St., Winnipeg	Glenmore Y.C.
730	SA'ADA	Colin Cook, 413-23rd Ave. S.W., Calgary	Glenmore Y.C.
744	ROBERTO I	Robert Haining, 221-6th Ave. S.W., Calgary	
745		T. Cunningham, 551 Montague, Winnipeg	
747		Dr. W. Ewart, 317 Kingsway, Winnipeg 9	
748	CARPHILES	R. A. McElhoes, 151 Portland, Winnipeg	
749	C'EST MOI	D. A. P. Isaacs, 25 Bronstone, Winnipeg	Glenmore Y.C.
750		Jack Madill, Suite 36, 807 Royal Ave. S.W., Calgary	Glenmore Y.C.
751		J. T. Boulton, 127 Flavell Rd. S.E., Calgary	
752		Dr. J. S. Barr, 11604-78th Ave., Edmonton, Alberta	
753		C. R. Steele, 3835 Brighton Drive S.W., Calgary	
801		Winnipeg Yacht Agency, 317 North Drive, Winnipeg	
802		Dave Jack, 9532-124A Ave., Edmonton	Glenmore Y.C.
803		J. S. Alexander, 2221-36th St. S.W., Calgary	
804		Don Wren, 9304-148th St., Edmonton	
805		Nelson Wood, 7320-94th Ave., Edmonton	
806		Dr. Ian Scott, 601 Willow Apts., Red Deer	
807		Dr. Robert K. Burt, 4822-51st St., Red Deer	Glenmore Y.C.
808		Gunther Gueth, 4308-73rd St. N.W., Calgary	
809		G. Kristjansson, 308 Laidlaw Blvd., Winnipeg, Manitoba	
810		D. Craig, 23 Portland St., Vital, Winnipeg, Manitoba	
845		J. Crust, 560 South Drive, Winnipeg, Manitoba	
846		R. MacKenzie, 555 Lanark Street, Winnipeg, Manitoba	
847		R. Graham, P.O. Box 1313, Lacombe, Alberta	
848		B. Brumat, 1353 East Laurier No. 5, Montreal, Quebec	
849		O. Wildermuth, 1211 Marion Street, Seattle, Washington, U.S.A.	
850		J. Van Elten, 752 Archwood Road S.E., Calgary, Alberta	
851		Canadian Fireball Association	
852		Canadian Fireball Association	
853		Canadian Fireball Association	
854		Canadian Fireball Association	
855		Canadian Fireball Association	
856		Canadian Fireball Association	
857		Canadian Fireball Association	
858		Canadian Fireball Association	
859		Canadian Fireball Association	
860		Canadian Fireball Association	

UNITED STATES OF AMERICA

No.	Name	Owner and Address	Club
23		D. C. Hamme, Box 1812, Philadelphia 12, U.S.A.	
176		P. Oetking, 6131 Waggoner Drive, Dallas 30, U.S.A.	
177		Bosworth Marine, 120-13th Avenue S.E., St. Petersburg, F.A., U.S.A.	
178		Duncan Sutphen Jr., 342 Madison Avenue, New York 17, U.S.A.	
179	SANDY	R. A. Caton, P.O. Box 61, Montgomery, Alabama, U.S.A.	Dixie S.C.
180	CARELAN	D. G. Griffin, 2050 Woodley Road, Montgomery, Alabama, U.S.A.	Dixie S.C.
350	IDA BLY	J. Wanenmacher, 19536 Frazier Drive, Rocky River, Cleveland 16, Ohio, U.S.A.	Cleveland Y.C.
527	CAPRICE III	T. L. M. McSwiney, 2011 Home Avenue W., Hartsville, S.C., U.S.A.	S. Sailing Society
528	QUEEN OF HEARTS	P. G. Hart, Apt. No. 3, Harlington Drive, Hartsville, S.C., U.S.A.	S. Sailing Society
529	SOUTHWIND	P. Wilmeth, 1212 Park Avenue, Hartsville, S.C., U.S.A.	S. Sailing Society
530	ROBIN	F. J. Prehoda, 1118 Tedder Street, Hartsville, S.C., U.S.A.	S. Sailing Society
531	BREEZE	J. H. Allston, 1106 Goodson Road, Hartsville, S.C., U.S.A.	S. Sailing Society
532	DANSEL	C. D. LeHardy, 1507 Lakeshore Drive, Hartsville, S.C., U.S.A.	S. Sailing Society
533	JANEY BETH	D. C. Alexander, Harlington Drive, Hartsville, S.C., U.S.A.	S. Sailing Society
539		C. Jensen, 203 Atlantic Avenue, Marblehead, Mass., U.S.A.	
705	SCOUT	R. C. Griggs, 3170 Chadbourne Road, Shaker Heights, Ohio, 44120, U.S.A.	Edgewater Y.C.
708		B. Olliff, 1101 N. Ashley Street, Valdosta, Georgia	
709		R. Burke, Georgia	
710		B. Ellis, Georgia	
711		J. Ingram, Georgia	
719		Glen E. Brandvold, 749 Cardinal Drive, Livermore, California	
735		J. Wright Junr., 328 West Queen Lane, Philadelphia, Pennsylvania, U.S.A.	
736		J. Wright Junr., 328 West Queen Lane, Philadelphia, Pennsylvania, U.S.A.	
742	BON BON	A. W. Newman, 706 S.E. First Street, Evansville, Indiana, U.S.A.	
746		W. Walters Jr., 1236 West 60th Terrace, Kansas City 13	
768		E. M. Seabrook Jr., 666 Bank Street, Mount Pleasant, S. Carolina	
769		J. B. Kershaw Jr., P.O. Box 423, Mount Pleasant, S. Carolina	
821	MAI-TAI	G. L. Eichhorn, 6109 Palmetto Trail, Amarillo, Texas 79106	Amarillo Y.C.
822	MATCHSTICK	W. C. Simpson, 5517 Pinto Lane, Amarillo, Texas 79100	Amarillo Y.C.
823		Doug. Westin, 340 Green Avenue, Sayville, N.Y., U.S.A., 11782	Sayville Y.C.
824	SCRAM SAM	K. L. Simons, c/o W. Bird Sales Corp., P.O. Box 162	Charleston Y.C.
825	GREEN HORNE	John C. Wilson, 2 Court House Sq., Charleston, S.C.	Charleston Y.C.
826		W. C. Kennedy, Ashley Hall Plantation, Charleston, S.C.	Charleston Y.C.

No.	Name	Owner and Address	Club
827		U.S. Fireball Association	
828		U.S. Fireball Association	
829		U.S. Fireball Association	
830		U.S. Fireball Association	
864	CRAZY HORSE	Edwin Poulnot, Kerrison's, 260 King Street, Charleston, S.C.	
867	GEHMA	F. Perry, 2700 Arcadia Road, Apt. 217, Amarillo, Texas	Amarillo Y.C.
868	PUSSYCAT A-GOGO	Major W. Smith, 4305 W-37th Ave., Amarillo, Texas	Amarillo Y.C.

SOUTH AFRICA

No.	Name	Owner and Address	Club
122	KIKI	N. R. L. Currey (deceased)	E. London S.C. (S.A.)
240		A. Saul, Flying Sails, P.O. Baranwanath, Transvaal, South Africa	
276	FIRECREST	J. C. Edwards, "La Rochelle", Waverley, Via Queenstown, South Africa	Queenstown, Powerry C.
339		J. M. Canner, P.O. Box 1023, Walvis Bay, South West Africa	Walvis Bay Y.C.
414	FIREFLY	S. E. de Jong, Box 205, Empangeni, South Africa	Zululand Y.C.
415		Arthur Edwards, P.O. Box 262, Mabane, Swaziland	
419	FINNEGANS WAKE	C. Tomlinson, 13 Bridge Street, Queens- town, South Africa	Queenstown Y.C.
420	THUNDERBALL	J. Mallett, College of Agriculture, P.O. Cedara, Natal, S.A.	
421	JOINTZY	B. M. George	
422	SEELAUS	R. Allers, P.O. Box 296, Walvis Bay, S.W.A.	Walvis Bay S.C.
423		Fireball Association of S.A.	
424	WINDSPIEL	J. van der Fecht, P.O. Box 672, Walvis Bay, South West Africa	Walvis Bay Y.C.
425		Fireball Association of S.A.	
426	FREYA	M. Low, P.O. Box 3, Howick, Natal	Henley Y.C.
427		Fireball Association of S.A.	
428		Fireball Association of S.A.	
429		Fireball Association of S.A.	
430		Fireball Association fo S.A.	
651		Fireball Association of S.A.	
652		Fireball Association of S.A.	
653		Fireball Association fo S.A.	
654		Fireball Association of S.A.	
656		Fireball Association of S.A.	
655		Fireball Association of S.A.	
657		Fireball Association of S.A.	
658		Fireball Association of S.A.	
659		Fireball Association of S.A.	
660		Fireball Association of S.A.	

RHODESIA

No.	Name	Owner and Address	Club
295	CHEDZA	Dr. R. W. Fynn, 52 Baines Avenue, Salis- bury, S. Rhodesia	Mazoe Lake Y.C.
298	ZHENJE	B. J. M. Foggin, P.O. Box 8030, Causeway, Salisbury, Southern Rhodesia	Mazoe Y.C.
299	JULEEN	L. J. Harris, P.O. Box 390, Salisbury, Southern Rhodesia	Mazoe Y.C.
330		H. H. Hutchings, 63 Livingstone Road, Bulawayo	Matapos Y.C.
331	FIRENZE	F. R. Mudge, 4 Herrick Road, Melindela, Bulawayo	Umgusa Y.C. (Bulawayo)
332	ALDEBARAN	C. E. Sharland, P.O. Box 1016, Bulawayo, Southern Rhodesia	Matapos Y.C.
333	KIEWIETJE II	R. E. Dines, P.O. Box 1715, Bulawayo, Southern Rhodesia	Matapos Y.C.
334	SIKUKUU	J. Nuton, P.O. Box 566, Bulawayo	Umgusa Y.C.
335	FIONA	J. D. Whitney, 14 Gwaai Avenue, Glenville, Bulawayo	Umgusa Y.C.
468		J. C. Doward, c/o Supersonic Radio Mnfg., Box 8096, Belmont, Bulawayo	Matapos Y.C.
506	FIESTA	J. A. Have, c/o Circular Road, P.O. Burnside, Bulawavo	Umgusa Y.C.
592		P. J. Wright, P.O. Box 1917, Bulawayo, Southern Rhodesia	Matapos S.C.
627	ZUVA	L. H. Hughes, 20 Twentieth Avenue, Mabalreign, Salisbury, S. Rhodesia	Mazoe S.C.
647	FRANTIC	R. A. Nutt, P.O. Box 8008, Belmont, Bulawayo, Southern Rhodesia	Umgasa Y.C.
648	FALCON	Mr. Perrin, c/o P.O. Box 8008, Belmont, Bulawayo, S. Rhodesia	Umgusa Y.C.
871		Homan, P.O. Box 181, Bulawayo	
872		A. Bradford, P.O. Box 8098, Belmont, Bulawayo	
873		Rhodesian Fireball Association	
74		Rhodesian Fireball Association	
74		Rhodesian Fireball Association	
876		Rhodesian Fireball Association	
877		Rhodesian Fireball Association	
878		Rhodesian Fireball Association	
879		Rhodesian Fireball Association	
880		Rhodesian Fireball Association	

MAURITIUS

No.	Name	Owner and Address	Club
452	FEU FOLLET	A. Pierre Dalais, 12 Sir William Newton Street, Port Louis, Mauritius	Grand Baie Y.C.
453	PENELOPE	R. G. De Mée, Réduit, Mauritius	Grand Baie Y.C.
712		M. Pitot, Floreal, Mauritius	Grand Baie Y.C.
713	FLASH	E. Martin, Mon Lousir Rovillard, Mapou, Mauritius	Grand Baie Y.C.
714		J. Mayer, Cure Pipe, Mauritius	Grand Baie Y.C.
715		R. Noel, St. Antoine, S.E. Mauritius	Grand Baie Y.C.
716		H. Sauzier, Bois Rouge, The Vale, Maur- itius	Grand Baie Y.C.
717		M. Rey, The Mount, S.E. Mauritius	Grand Baie Y.C.
718	FLIRT	J. P. Adam, c/o P.O. Box 503, Port Louis, Mauritius	Grand Baie Y.C.
720	PING PONG	L. R. Dalais, Port Louis, Mauritius	Grand Baie Y.C.
844		Henri Doger de Spéville	Grand Baie Y.C.
861		Claude Lagesse	Grand Baie Y.C.
870		Philippe Hein	Grand Baie Y.C.

AUSTRALIA

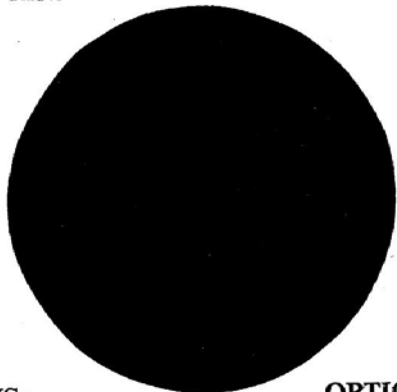
No.	Name	Owner and Address	Club
290	CHARLIE	J. H. Ingham, 61 Stevenson Street, Kew E.4, Melbourne, Australia	
303	YUNG A WEE	Dick Manson, 112 Roseville Avenue, Roseville, N.S.W., Australia	
631	SATAN	M. Lindsay, 60 St. George's Terrace, Battery Point, Tasmania	Sandy Bay S.C.
632	SONATA	R. Sims, 18 Lipscombe Avenue, Sandy Bay, Tasmania	Sandy Bay S.C.
633	JAN	P. Storr, 8 Elma Road, Sandy Bay, Tasmania	Sandy Bay S.C.
634	SONIC	D. and R. Wilson, 27 Kellatie Road, Rosny, Tasmania	Sandy Bay S.C.
635	BETA	I. Eadie and B. Wilson, c/o 23 Culloden Avenue, Moonah, Tasmania	Sandy Bay S.C.
636		Tasmanian Fireball Association	
637		Tasmanian Fireball Association	
638		Tasmanian Fireball Association	
639		Tasmanian Fireball Association	
640		Tasmanian Fireball Association	
643	VULCAN II	Harry Vick, 26 Wakehurst Parkway, Narrabeen, Australia	Bayview Y.A.
644		J. Crew, 217 Edinburgh Road, Castlecrag, N.S.W., Australia	Bayview Y.A.
645	GONK II	Margaret Howes, 5/32 Elamang Avenue, Kirribilli, N.S.W., Australia	Bayview Y.A.
686	VALLENTINE	Ron Main, 22 Bodes Avenue, Wollongong	Bayview Y.A.
687		Frank Weber, Wagon Street, Cooma	Bayview Y.A.
688	EGUAN	Harry Abbott, "Herndale", Boggabri	Bayview Y.A.
689	PUFF	Cedric Castle, 41 Edgecliff Bvde., Collaroy Plateau	Bayview Y.A.
690	SIR GALAHAD	Ken Jones, 43 Olympian Parade, Leura	Bayview Y.A.
691	SAVARUS	Bob Upcroft, 8 Sheffield Street, Kingsgrove	Bayview Y.A.
692	SHIPMATES	Ted Lennon, 21 Mooramba Road, Dee Why	Bayview Y.A.
693		T. C. Bunce, 31 Byrne Street, Dee Why	Bayview Y.A.
693		T. C. Bunce, 31 Byrne Street, Dee Why	Bayview Y.A.
694		Mrs. P. Cover, 482 Chapple Street, Broken Hill	Bayview Y.C.
695		R. Hails, 81 Hutton Road, North Entrance	Bayview Y.A.
831	PHOENIX	B. Taylor, 3/31 Ben Boyd Road, Neutral Bay, N.S.W.	Bayview Y.A.
832	LOBO	P. W. Purvis-Smith, "Boondah", Breeza, N.S.W.	Bayview Y.A.
833		H. C. Dick, 403 Hunter Street, Newcastle, N.S.W.	Bayview Y.A.
834		N.S.W. Fireball Association	
835		N.S.W. Fireball Association	
836		N.S.W. Fireball Association	
837		N.S.W. Fireball Association	
838		N.S.W. Fireball Association	
839		N.S.W. Fireball Association	
840		N.S.W. Fireball Association	

OVERSEAS (MISCELLANEOUS)

No.	Name	Owner and Address	Club
266		C. A. DaCosta, Aribau 326, Barcelona, Spain	Real Club Nautico Barcelona
285		Sqdn. Ldr. G. R. Boden, R.A.F. Khormaksar, Aden, B.F.P.O. 69	
286		Thorskogs Bruk, Lodose, Sweden	
292		W. R. M. Belcher, c/o Clove Growers Association, Box 26, Zanzibar	
319	TANIA	548930 Ft. Serg. J. Ledson, B.F.M., c/o Sergeants' Mess, R.A.F. Changi, Singapore 17	Changi Y.C.
346		Thorskogs Bruk, Lodose, Nr. Gothenburg, Sweden	
675	RIERA	Riera, Apartado 2289, Managua, Nicaragua	
707	DAISY BELL	C. W. Pearson, Box 36, Plimmerton, New Zealand	Paremata Y.C.
760		Dr. Robson, World Health Organisation, P.O. Box 1517, Alexandria, United Arab Republic	
865	AMON RE	J. S. Shorthouse, 12 Rossmore Terrace, Murray's Bay, Auckland	Murray's Bay Boat C.
866		J. Hayward, P.O. Box 30260, Nairobi, Kenya	Naivasha Y.C.
869	AMANDA JANE	A. J. Croft, c/o Crown Law Office, Konedobj, Port Moresby, New Guinea	Port Moresby Y.C.

INSURANCE-

OFFICIAL
ASSOCIATION SCHEME



TERMS:

12 months in commission
£25,000 Third Party
Racing risks, Fire
Transit, theft, collision
All U.K. Waters
Continental Extension
Law Costs, Salvage

OPTIONS:

Personal Accident 10/-
Outboard Motor
Additional Third Party
Personal Effects
Road Trailers
Launching Trolley

PREMIUMS FOR CRAFT:

Value			Premium
£125	....	....	£3.10.0
£150	....	....	£3.12.6
£175	....	....	£3.15.0
£200	....	....	£4. 0.0
£225	....	....	£4. 5.0
£250	....	....	£4.10.0
£275	....	....	£4.15.0
£300	....	....	£5. 0.0

"No Insured Member of the Association has ever made a Claim which was not covered and paid under the Policy"

NEWTON CRUM (INSURANCE) LTD.

10-13 LOVAT LANE, LONDON, E.C.3

FIREBALL ASSOCIATION INSURANCE SCHEME

The success of our Association insurance scheme is best illustrated by the fact that no insured member has ever made a claim which was not both covered and paid under the Policy.

Briefly, the scheme provides In-Commission coverage all 12 months of the year with no mandatory laying-up period what-so-ever. £100,000 Third Party/Passenger Liability Indemnity is provided as basic, together with the usual coverages for Fire, Transit, Theft, Collision, Law Costs, Salvage, Holidays Abroad, etc.

The Policy, naturally, provides racing risks and includes all U.K. waters. Underwriters will cover the boat whilst abroad on holiday, upon receipt of your request for this coverage, at no additional charge.

The Policy incorporates a No-Claims Bonus rising to 15 per cent, which is also allowed to members transferring into the group scheme from another Policy.

The Association also benefits in that it receives a commission on all insurances effected. This commission is, of course, returned in one form or another to members, who will therefore be getting not only better value for money in their insurance but also better service from the Association without any increase in the subscription. For a non-profit making organization like the Association, such commission is a vital asset.

We are pleased to announce that the 'Helmsman's Policy'* can now be extended to include Builders' Risks coverage AT NO ADDITIONAL PREMIUM.

Briefly the cover is as follows:

From the time the Assured purchases a kit or partially completed craft, transit to his premises, and through the various stages of construction until the boat is completed, cover is provided under the Institute Clauses for Builders' Risks. The risks for fire, theft, transit, launching, etc. are all covered.

During the period of construction the insured value increases from the kit or hull stage purchase price, in proportion to the work or stage completed.

Upon final completion the craft has reached its full value, i.e. the maximum insured amount. When the craft is completed the 'Helmsman's Policy's full terms automatically take over and cover transit, launching of the craft and straight through to "In Commission" terms.

Underwriters provide this coverage at the standard quoted rates, and all one need do is to forward the standard Proposal Form together with advices of: estimated construction period, where the craft is going to be built and the kit price. The Policy is issued by return of post exactly the same way as the standard 'Helmsman's Policy'.

In pioneering this innovation the 'Helmsman's Policy' continues to keep years ahead of its nearest rivals. NO OTHER DINGHY POLICY IN THE UNITED KINGDOM OFFERS AS BROAD A BASIC COVERAGE AS THE 'HELMSMAN'S POLICY'.

**The Largest Official Dinghy Association Scheme in the U.K.*

NORRIS BROTHERS Ltd.

(Research, Design and Development Engineers)

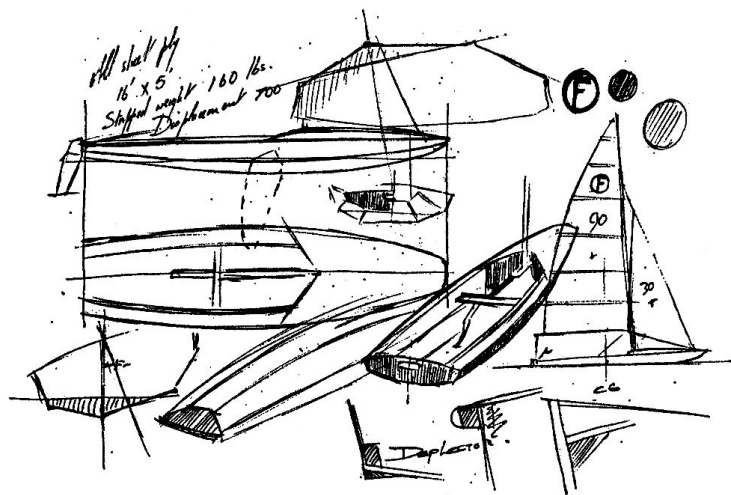
BURRELL ROAD, HAYWARDS HEATH
SUSSEX, ENGLAND

ANOTHER RECORD

This Company was responsible for the design of the jet boat "Bluebird" and the turbine powered car of the same name which, in Donald Campbell's hands, raised both the official water and land speed records in Australia in 1964.

As the sponsors of the Fireball Class we know that we are helping to set up yet another record for never before has any racing centreboarder grown so fast and healthily on an international scale as this exciting scow.

Because Fireball owners are so interested in their class, we thought that they might like to see a reproduction of one of Peter Milne's early sketches from which their boat developed.



"FIREBALL"

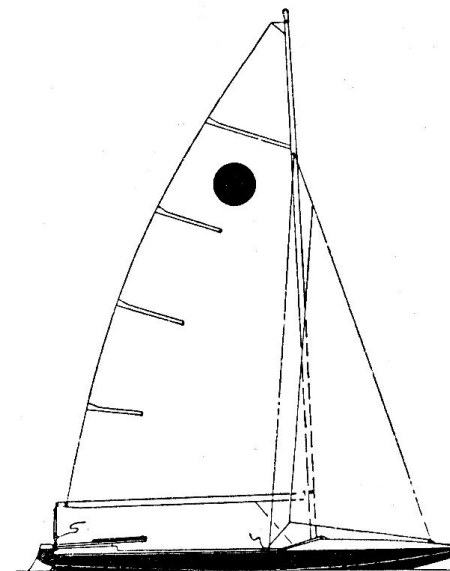
Chippendale Boats Ltd.

Controllers of licenses for professional construction of FIREBALL throughout the world on behalf of Norris Brothers Ltd.

The world-wide reputation achieved by the combination of these two names is something of which we in the Chippendale organisation are particularly proud.

We are the builders of complete championship class boats, part-built boats, kits.

We are the suppliers of alloy masts, rigging, sails, trailers, etc.



Write to:—

Chippendale Boats Ltd.
LOWER QUAY, FAREHAM, HANTS.,
ENGLAND
Tel.: Fareham 4010



BUILD FOR A

LIFETIME

...with **CIBA** glues

No longer is the life of a hull dictated by the fastenings; synthetic resin glues have put an end to that.

An all-glued boat is inherently free from nail sickness, and modern glues have made possible constructional techniques that eliminate caulking and other periodical chores. CIBA glues withstand water, damp, drying-out, insect attack, bacterial action and the many other causes of deterioration leading to joint failure. These glues have been proved in countless boats in use all over the world—from the polar ice cap to the tropics.

Further information on CIBA glues for boatbuilding will be sent gladly on request.

Aerolite, Aerodux and Araldite are registered trademarks

Aerolite and Aerodux are accepted by Lloyd's Register of Shipping for gluing wood constructional members in classed yachts.

C I B A glues for boat building

CIBA (A.R.L.) LIMITED, DUXFORD, CAMBRIDGE. TEL: SAWSTON 2121

AEROLITE 300 and 306

For wood hulls and wood fittings of every type. Gap-filling and used cold. Aerolite 300 in liquid form for the boat-builder. Aerolite 306 in powder form for amateur and small scale use, including repairs.

AERODUX 185 and 500

Resorcinol glues conforming to BS 1204 type WBP. Also particularly suitable for constructing laminated structural members.

ARALDITE

The epoxy resin for bonding materials of similar and dissimilar nature that cannot be joined by other methods. Widely used for bonding components of reinforced glass fibre hulls and superstructures.

JACK HOLT ACCESSORIES

Recommended for FIREBALL

To give maximum drive Main Sails must be matched with their masts —We make HOLT-ALLEN SPARS and POWER SAILS that match them — for FIREBALL.

Don't waste this extra drive by the inefficient control and useless weight of wrong fittings — HOLT-ALLEN Fittings are the Right design and are made of the Right Modern Materials — for FIREBALL.

For those who sail this boat there is the range of HOLTWEAR sailing gear and the NEW Buoyant Waistcoat—the first to be awarded the S.B.B.N.F. Certificate.

For transportation the CARABOAT ROOF RACK is ideal — for FIREBALL.

In any O/D Class, for Best Performance you must insist on the Best Accessories.

JACK HOLT offers you a unique service by designing, manufacturing and supplying perfectly matched accessories — for FIREBALL.

JACK HOLT LTD.

EMBANKMENT, PUTNEY, LONDON,

S.W.15

Tel: PUT 9255 (5 lines)





NO HALF MEASURES FOR
your
FIREBALL SAILS

MAINSAIL £26.8.0

FORESAIL £10.16.0

Including Hanks, Battens, Racing No. and Bags

RATSEY & LAPTHORN LTD.

COWES
ISLE OF WIGHT
Tel.: Cowes 2121

GOSPORT
HAMPSHIRE
Tel.: Gosport 81322

Licensed Builders - EUROPE

FRANCE:

S.I.B.M.A. NAVALE
71, RUE FONDARY
PARIS VXe

CHEMIN DE POISSY
VILLENES (S.et O.)

BELGIUM:

J's International Boats
J. I. B.
FIREBALL KITS AND COMPLETE BOATS
Exécution soignée — Verzorgde Uitvoering — Plans en français —
Plannen in het Nederlands

101, ANNUNTIATENSTRAAT
BRUGES
BELGIUM

TEL.: (050) 30421

GERMANY:

NORDDEUTSCHE YACHT-AGENTUR
HAMBURG - BLANKENESE
POSTFACH 615

PLANS (IN GERMAN)

SWITZERLAND:

SUNIMPORT, ZURICH POSTFACH 2993
ZURICH 23

SWEDEN:

THORSKOES BRUK
LILLA EDET
Near GOTHENBURG

PLYCRAFT

CLEVEDON-SOMERSET

Tel. 2357

Licensed "FIREBALL" Builders
For
COMPLETED BOATS, HULLS
KITS, FITTINGS, SPARS, SAILS, TRAPEZES
AND EVERY CONCEIVABLE EXTRA

Builders of the
Joint **WINNER** of
1963 FIREBALL CHAMPIONSHIP
at Hayling Island

SCOTTISH BUILDERS

for

"FIREBALL"

LICENSED FOR SCOTLAND

FARQUHARSON & McNAUGHTON

Boat Builders

EAST SHORE, NEWBURGH, FIFE

Telephone: 289

Also builders of

OTHER RACING CLASS DINGHIES
PLYWOOD STEM and PRAM DINGHIES
FISHING KEEL BOATS and COBLES

"BARRACUDA" round bilge fast RUNABOUTS and
CABIN CRUISERS

SAILING WEAR

CHANDLERY

LICENCED BUILDERS CANADA

WINNIPEG YACHT AGENCY

317 North Dr. — Winnipeg 19 — Man. — Canada

Fireball

Complete, Kits, Plywood

Rigging and Fittings

Holt, Lewmar, Barton, Gibb

Sails

Holt, Rockall, Ratsey, Jeckells

Prices based on U.K. list

SMALLCRAFT of CANADA

EVERYTHING

for your

FIREBALL

COMPLETE AND READY TO

WIN

Calgary

—

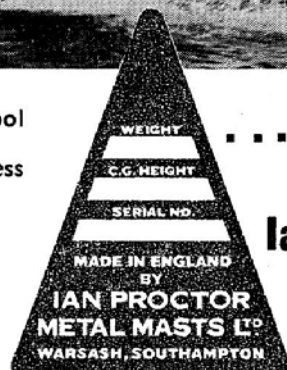
Alberta

HOT-UP YOUR ● FIREBALL

with a ...
**PROCTOR
METAL
MAST**



Symbol
of
Success



.... like the 1964 class
champions

**Ian Proctor Metal
Masts Ltd**

Duncan Road, Swanwick
Southampton
Tel. Locksheath 3006

WESTIN'S BOAT SHOP

Licensed FIREBALL builders for U.S.A.

COMPLETE BOATS, HULLS, KITS

Also builders of O.K. DINGHY

Agents for THISTLE and HIGHLANDER

WESTIN'S BOAT SHOP

River Road, Sayville, L.I., N.Y.

Tel.: 516 LT 9-1526

LICENCED BUILDER - *AUSTRALIA*

E. P. & C. BREMER

“FIREBALL”

COMPLETE — HULLS — KITS — SPARS — SAILS
RIGGING — TRAPEZES

Specially Designed
ALLOY MASTS

Custom Built
TRAILERS

Write or Phone to:

Eddy's Boatshed

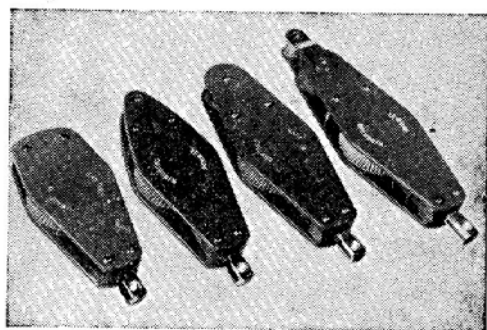
1351 PITTWATER ROAD, NARRABEEN, N.S.W.

Tel.: 99-8938

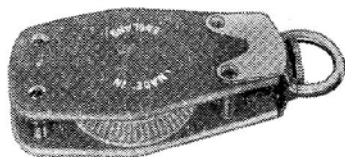
Marine Insurance

Marine Insurance

Lewmar lend a hand with 'Novex'



A Lewmar "Novex" block will hold your mainsheet easily in the hardest blow and when released will run out freely. Buy one now ready for this season. Available as single, single and becket, fiddle, and fiddle and becket, each in two rope sizes, 1"—1½" and 1½"—2"



More and more helmsmen are finding "Novex" blocks, used as jibsheet fairleads a worth-while investment. They can be adjusted underway and are available with a loop for shackling on, or as a screw-down version, again in two rope sizes.

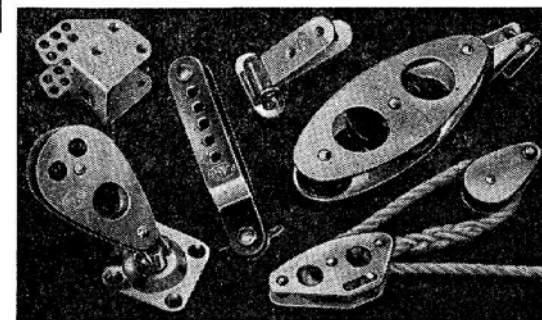
LEWMAR MARINE LIMITED

SOUTH ST., EMSWORTH, HAMPSHIRE - Tel: Emsworth 3274



STAINLESS STEEL DINGHY FITTINGS

With a high resistance to corrosion—light in weight and having a tensile strength of 40 tons—R.W.O. fittings will enhance the appearance of any boat and give long and trouble-free service.



R.W.O. (MARINE EQUIPMENT) LTD Church Road, Thundersley, Essex. S. Benfleet 3793

**HOLIDAYS • TAKE YOUR
FIREBALL TO
SWITZERLAND**

The Swiss Alpine Lakes are windy, warm and wonderful

Aug. 6/8. Swiss Championship at Brunnen (Lake Luzern)

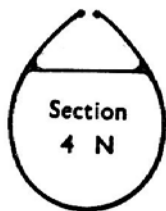
Aug. 12/15. Ski-Yachting on Lake Silvaplana, St. Moritz

ENTER NOW!

Swiss Fireball Association

Sec.: H. Rusterholz, Meilenbach 5, Switzerland. Tel.: AU 8804

[illegible]



A NEW

Sparlight

ALLOY MAST SECTION

designed EXCLUSIVELY for
FIREBALL and proved by the experts

**Be First
Be Fast
WIN**

Step

Sparlight

The Alloy Mast



further details and price lists

Sparlight LIMITED

Clovelly Road, Southbourne, Near Emsworth,
Hants, England. Telephone: Emsworth 3027

1964 CHAMPIONSHIP WINNERS

P. MILNE and P. COOKE (*Blue Peter*)

Used Sails by

W. G. LUCAS & SON

BROAD ST., OLD PORTSMOUTH

FIREBALL



Mainsail and Jib complete in Terylene
from £31.15.0

Tel.: Portsmouth 26629

Jeckells
SAILS

GT
QUALITY



'GT' "FIREBALL" SAILS

for optimum shape and performance

'GT' sails are made with the Racing enthusiast in mind. Each suit is tailored individually to give a consistent shape through the sails. All unnecessary frills have been pruned out—making 'GT' sails the most powerful equipment for a racing machine.

Fireball mainsail and jib
complete with all accessories **£32**

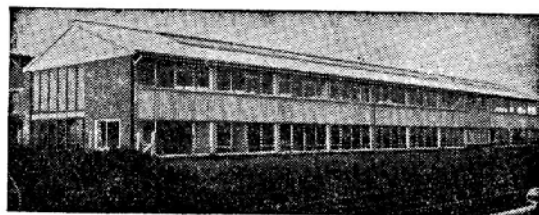
Less expensive sails upon application

JECKELLS & SON LTD. Wroxham, Norfolk Tel.: 126/7
Sailmakers Lowestoft, Suffolk Tel.: 4402

ENGLAND

THE PROTOTYPE
'Fireball' SAILS
 were made by
ROCKALL

Rockall sails win in dozens of classes in different parts of the world. The latest Fireball success is the winning the 1964 Alberta Championship.



This is the Rockall factory at Bosham. More synthetic racing sails are made here than at any other loft in the world. From this factory, Rockall sails are daily despatched around the world, and every sail is unconditionally guaranteed, whoever may subsequently own it.



Order your Rockall sails from-

Bowker & Budd, Ltd.
 Bosham, Sussex Tel. Bosham 2149

'ZEPHYRACE'

(Regd. Trade Mark)

Specialists in Nylon Racing Flags, Club Burgees, etc. Shroud, Rollers, Adjustable Chocks, Batten Cases, Nylon Flag Halliards, etc. Dinghy Accessories. Catalogue on request.

ZEPHYR RACING PENNANTS

NORTHALL, STAG LANE, CHORLEYWOOD
 RICKMANSWORTH, Herts. Telephone: Chorleywood 2230

GET A **"RENOWNED"** COVER
And have the best obtainable

FIREBALL CLASS FLAT TYPE		FIREBALL CLASS O/BOOM TYPE	
10 C.C. Cotton Duck	at £ 8 12 6	10 C.C. Cotton Duck	at £ 9 15 6
12 S.C. Cotton Duck	at £ 9 15 0	12 S.C. Cotton Duck	at £11 1 0
P.V.C. Nylon (Colours)	at £12 15 0	P.V.C. Nylon (Colours)	at £14 9 0

Sole Makers: — **R. B. TOPE & CO., LTD., THE SAIL LOFT,**
 PLYMOUTH

Obtainable from your builder, chandler, or direct from makers

SAILS

NEW CLOTH by NEW CUT

GOWEN

helped "MISHAP" become joint winner of the NATIONAL CHAMPIONSHIP, 1963. To make your FIREBALL a ball of fire,

CONSULT

GOWEN & CO. (WEST MERSEA) LTD., WEST MERSEA, ESSEX. Tel. 22

ALLOY MASTS

by

'INTERNATIONAL'
FOR YOUR FIREBALL

'INTERNATIONAL' YACHT EQUIPMENT LTD
 23/25 KENTS HILL ROAD, BENFLEET, ESSEX. Phone S.B. 2642

SPARS
with a WORLDWIDE reputation

Always specify
“COLLAR”

MASTS and BOOMS
and be sure of the
BEST

F. COLLAR
ISIS WORKS . SOUTH HINKSEY . OXFORD
Tel.: Oxford 35493



FROM YOUR CHANDLER

MARLOW ROPES LIMITED

Marlow House • Lloyds Avenue • London E.C.3
Tel. ROYal 6044 (6 lines)

*The Synthetic
Ropemaking division
of Hawkins & Tipson Ltd*



MUSTO & HYDE
Sailmakers

27 THUNDERSLEY CHURCH ROAD
THUNDERSLEY . BENFLEET . ESSEX

B. & W. YACHTS

P.O. BOX 22
LACHINE, QUEBEC

Canadian Agent for FIREBALL

WHEN PERFECTION COUNTS
COUNT ON SAILS BY

GEORGE F. **THOMAS** SAILMAKERS

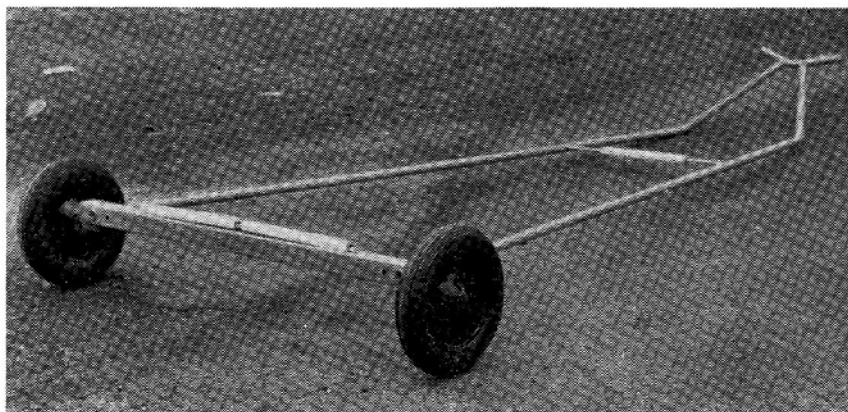
American Sails with American Fabric — FIREBALL Hardware
19106 DETROIT ROAD, CLEVELAND, OHIO 44116, U.S.A.



For SAILS with WINNING WAYS

‘SEAHORSE’
SAILS

BRETT SAIL LOFT, HADLEIGH
Nr. Ipswich, Suffolk. Telephone: Hadleigh 3151



The Fireball Launching Trolley

Developed in conjunction with Chippendale Boats with correct support and careful design

SEA SURE
Boat Equipment

● Seaway House - Town Quay
SOUTHAMPTON (25189)

TODAY'S BEST AND
MOST WIDELY READ
YACHTING JOURNAL

YACHTS *AND YACHTING*

for the
best pictures
and first-class
reporting

2/6 • Every Other Friday • Annually 82/-

YACHTS *AND YACHTING*

196 Eastern Esplanade, Southend-on-Sea
Telephone 82171